

SICB Spring 2001 Newsletter

The Vote Is In !

The members of the Society for Integrative and Comparative Biology voted to change the name of our journal from *American Zoologist* to ***Integrative and Comparative Biology***.

Voting took place at the Chicago meeting and by mail ballot. Since changing the name of the journal required a change in our society's constitution, two-thirds of the members voting had to be in favor of the change. Of those society members casting a vote, 69% voted in favor of the name change.

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Message from the President

Marvalee H. Wake

Our meeting in Chicago set the stage for many expanded ventures, several to be realized at our meeting in January, 2002, in Anaheim, and some for January, 2003, in Toronto. We are committed to following up on our stimulating and innovative town meeting on the teaching of evolution; our Public Affairs Committee and our Education Council together are planning a session for Anaheim, and expect to involve public school teachers in the Southern California area. We have a committee charged with implementing the recommendations of Dianna Padilla's Task Force that investigated ways of increasing our membership of under-represented minority colleagues. Several of our other committees are well along with their work, especially for the Anaheim meeting, but also for the efforts of the society as a whole.

Our new management team at BAI, with Brett Burk as our Executive Director, is proving highly responsive and willing and able to provide both the critical management input that we need, as well as some new ideas that will increase our ability to meet our many commitments, and to increase our communication with like-minded societies. Brett and his colleagues are managing our meeting plans, finances, and other important parts of our organization, and some new structures that will result should increase our efficiency.

Another large number of excellent symposia will take place at the Anaheim meeting. John is doing some innovative planning with regard to scheduling symposia, papers, start- and end-times, etc., so we look forward to seeing how these experiments work. The Anaheim venue has been checked out by John and by Sue Burk, our BAI meetings manager, and they find that it should meet our needs very well, including feeding arrangements!

I'm especially pleased that Anaheim will be our site for an attempt to increase our communication with international colleagues. We are inviting officers from similar societies (national and international societies with focal interests in zoology and biology, biological education, organismal biology, evolution, ecology, etc.) from around the world to attend the meeting. We will introduce them to our approaches to integrative and comparative biology via the science at our meeting, and learn more about theirs through discussions with them—multidisciplinary science, with emphasis on integrative and comparative approaches, is characterizing the way that biologists are working in many parts of the world, and it seems timely to share perspectives on the complex questions that we all are asking. We will also have a society-wide symposium that will include participants from several countries, as well as the US, discussing "The Promise of Integrative Biology". I anticipate that some new collaborations, at both the societal and the individual levels, might result. Also, we will be re-instituting the discussion meeting for Chairs and Deans of biology/zoology departments and colleges, or their sub-units. Sharing of problems, solutions, and ideas has been very profitable in the past, and it's time to do it again, because both old and new issues are apparent to us all.

One of our society's primary modes of expression is through publication of our journal, the *American Zoologist*. Our new editorial consortium at the University of Washington, under John Edwards' leadership, is exploring ways of further increasing the appeal of the journal while maintaining high scientific quality (the results of the vote whether or not to change its name should be available shortly). But in addition to the *American Zoologist* being our "flagship" publication, we sponsor or support several other journals, such as the new "Development and Evolution" publication. It's important all of you who are interested in them to support them by subscribing to them, especially to help launch the new ones; being sure your institutional libraries are getting them would also help.

I'm excited by the potential that SICB has to continue to make a significant impact on much of biological science through its emphasis on integrative and comparative approaches. Our work with students, our outreach to members of the public and to other scientists, and our emphasis on major issues to which we

can offer our expertise puts us in a position of leadership. However, it's important that we have more and more of our membership involved in our efforts. If you are interested in working with colleagues for SICB, please let me know—I'm sure I can find a committee that would be appropriate to your interests, and that would welcome your input. Also in that vein, our Membership Committee has a campaign under way to increase our membership, so if you know of potential new members, please encourage them to join SICB.

Our society is in a splendidly healthy state, thanks to the efforts of many people, especially our Past President Martin Feder and our Past Treasurer, Kimberly Smith—I encourage you all to help the society continue to grow and to expand its activities, its expertise, and especially its science. I welcome your suggestions about ANYTHING having to do with the society and will pass them on to the appropriate folks—please let me know your ideas!

Cordially,

Marvalee

Message from the Secretary

Penny M. Hopkins

Got Job?

My department has just finished national searches to fill two faculty positions. During that process it occurred to me that our searches would have been easier if SICB had a Placement Service like some of the other scientific societies do. Of the eight people that we interviewed, only one was a member of SICB. It seems likely that there were other candidates in the society that we may have missed for lack of identification. I would like to take this opportunity to raise the question as to whether we need or want to have a more effective Placement Service than what we have now. I would be happy to spearhead such an effort, but only if there were lots people who think it would be a good idea.

The way that I envision such a service would be that departments in the process of searching for new faculty could post an advertisement on a special "Jobs Available" section of the SICB web page at any time during the year. These ads would also be available at a special placement table during the Annual Meeting. Graduates and Post-docs looking for positions would also be able to post mini-c.v.'s on a special "Candidates" page on the SICB web page. These, too, would be made available at the annual meeting. Sign-up sheets would be on hand at the Annual Meeting for potential employers to interview potential faculty on site.

Other services that this Placement Service might be able to perform could include posting on the Web Site helpful handbooks of information on such topics as how to start looking for a job, what a job application should look like, what to expect on an interview, how to prepare a dynamite interview seminar, how to negotiate a contract etc etc.

A number of participants will be able to give input into such a service. The Web Master, Burke Inc, the Society Secretary, and representatives from the Graduate Student/Postdoctoral Affairs Committee and the Graduate Student Support Committee could share responsibility for making certain that such a service is helpful to all involved. At this time, there is a very helpful job listing page on the SICB Web Page. We would like expand our services so that both job announcements and miniC.V.s can be posted in a timely manner. We would also like to provide opportunities for employers and potential employees to get together for interviews at the Annual Meeting. Having a more extensive job placement service on the web page will increase communication between members of our society and increase the efficiency of both department job hunts and candidates hunting for jobs.

Let me know what you think by e-mailing me at phopkins@ou.edu.

Sincerely,

Penny M. Hopkins, Chair

Search Committee for Cell and Developmental Biologists

Samuel Roberts Noble Foundation Presidential Professor of Zoology

Message from the Treasurer

Ron Dimock

The financial news is outstanding, not the least reason for which is that we do NOT have any SICB funds in dot com or tech companies! The Society is solidly in the black. The dark days of the early 1990's are well behind us, and the future looks bright. Of course that rosy outlook is contingent upon our continuing to reduce expenses, generate income from subscriptions to *American Zoologist* or its next morph, and the successful recruiting of new members. There is financial news below that relates to all of these points.

The excellent financial condition of the Society has nothing at all to do with me. It is very largely the result of the excellent stewardship, financial and overall, that the Society enjoyed under the guidance of Past-President Martin Feder and former Treasurer Kim Smith. These two officers, together with the assistance of several foresighted Executive Committee members, set SICB on its current course of stability and prosperity. We all owe Martin and Kim a debt of gratitude, and sincere thanks.

The current financial position of SICB is due largely to cost-cutting and the elimination of a number of debit categories in the budget. These measures include, but are not limited to, ceasing to publish *Integrative Biology*, reducing the cost of the annual meeting, and holding our assets in conservative financial instruments. A major reason for our secure position is the change of professional management from Smith Bucklin Associates (SBA) to Burk Associates, Inc. (BAI), a change that was effected largely by the initiative of Martin and Kim. The Society was well served by SBA at a critical time in its history. However, the philosophy, style and expertise of BAI, together with that agency's extensive experience with moderate-size scientific societies, foretold a good match and a good reason to make this change. In the approximately one year since the transition to BAI, the evidence suggests that the move was correct.

For example, with the guidance of BAI, SICB is on track not only to reduce the more than \$100,000 annual debit that recent annual meetings have accrued, but actually to have that meeting break even, or generate a profit. In addition, there are numerous cost categories that simply no longer exist in the operating budget. The result is that we have good news.

The Executive Committee voted in Chicago to allocate in excess of \$20,000 to the Editorial Office of the *American Zoologist* to fund the development of a new format for the journal and to eliminate the current backlog of symposium proceedings. The outcome of the latter will mean that symposia held in January may, in future years, appear in print as early as June. The ExComm also agreed to continue the approximately \$34,000 subsidy of student participation in the annual meeting, including free housing and the Graduate/Post-Doc luncheon. Furthermore, and very happily so, the Committee voted an additional reduction in dues. Thus, for individuals renewing membership for 2002 with the early notice that will appear later this summer, or joining the Society for 2002 prior to the New Year, the following rates will obtain:

Full Member	\$85
Full Family	\$125
Emeritus with Journal	\$70
Emeritus without Journal	\$60
Post-Doc	\$45
Post-Doc Family	\$60
Graduate Student	\$36

Graduate Student Family \$59
Student-in-Training \$36

The most significant reduction is in the post-doctoral categories, with a nearly 37% reduction in single dues, and almost 49% in the post-doc family category. The intent, obviously, is to make membership more attractive to these young scientists who frequently are not much more financially secure than they were as graduate students.

Coupled with the reduction of the registration fee for the annual meeting to under \$200 and the elimination of the abstract fee, this new schedule of dues returns members' expenses to the lowest level since 1994 when dues increased from \$65 to \$110 per year. Thus, the promise that was made to all members, but especially to those loyal members who contributed significantly to help retire the very large debt the Society had incurred, has been kept. Pass the word to former members, and recruit new members among your colleagues and students.

SICB Spring 2001 Newsletter News Announcements

◆ [New Journal: EVOLUTION & DEVELOPMENT](#)

New Journal: EVOLUTION & DEVELOPMENT

IF YOU HAVEN'T SUBSCRIBED YET

Dear fellow SICB members, as you know, SICB is a sponsor of the new journal, EVOLUTION & DEVELOPMENT. The journal's mission is to integrate those disciplines that contribute to our understanding how form evolves. The journal is in its second year of publication, and has attracted exceptional papers covering the spectrum of evo–devo experimental and theoretical issues, from the micro– vs macro–evolution controversy to chelicerate Hox genes.

Upcoming papers include:

- Morphogenesis of the turtle shell: the development of a novel structure in tetrapod evolution.
- Bias in the introduction of variation as an orienting factor in evolution.
- Phenotypic and dynamical transitions in model genetic networks.
- Additional hox clusters in the zebrafish: divergent expression patterns belie equivalent activities of duplicate hoxB5 genes
- Animal phylogeny and the ancestry of bilaterians: inferences from morphology and 18S rDNA gene sequences.

In addition, the papers from the "Starting for Fins: Parallelism in the Evolution of Limbs and Genitalia" 2001 SICB symposium will be published in the Nov/Dec issue.

The journal is indexed by SciSearch, ISI, Current Contents, and we've just been picked up by Medline. EVOLUTION & DEVELOPMENT is available to SICB members for an individual subscription price that represents a discount of about 25% of costs to non–members -- \$64 for US members. This is a very good bargain. Information about the journal can be found at www.blackwell-synergy.com. To subscribe as an SICB member call 1–888–661–5800.

If you haven't subscribed, or if your subscription has lapsed, I hope that you will take this opportunity to become part of the evo–devo revolution.

Rudy Raff, Editor, EVOLUTION & DEVELOPMENT

Committee Reports

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American Zoologist

John S. Edwards, Editor

None of us has been happy with the long delay that can separate presentation of SICB symposia from their eventual appearance in print. Two years' delay is too long a wait, especially for younger symposium participants. With support from the Executive Committee to allow for extra hours for our Assistant Editor Jenn Tousley, and Production Editor Claudia deGruy we are now in the process of speeding up the processing of symposia through review and revision to publication. We believe that it should be possible within a year, for the first symposium/a to be published in June of the same year, provided that papers are turned in at the meeting, and that reviewers and revisers cooperate promptly. This then is an early admonition to potential symposium organisers: be prepared to do what it takes to round up a full set of papers at or very soon after the meeting.

Here is the status of forthcoming symposia (titles are abbreviated):

- Animal Consciousness: In press
- Antarctic Marine Biology: March–April 2001
- Intermittent locomotion/Nitric Oxide: early May
- Hox/Phylogenies/Fingerman: June
- Swimming/Osmoregulation/Plant–Animal Interactions: September.

We expect that the first of the 2001 symposia will be published in Nov 2001.

John S. Edwards, Editor, for the Editorial Consortium

Educational Council

Wendy Ryan, Chair

At the annual meeting in Chicago the Education Council made progress towards a change in structure that should make it easier for us to pursue our mission. The Council established five subcommittees to help focus our efforts and address the goals for the Education Council established by the recent SICB Strategic Plan. The five subcommittees are: Programs, Electronic Resources, Outreach, Mentoring and Faculty Development, and Educational Policy. The members of the Educational Council are ready to begin implementation of various ideas that fall within the purview of each of these subcommittees and you should begin to see results by the end of this year. Members of the Education Council may also contact you via email over the next six months asking if you wish to be involved in any of our planned outreach and mentoring programs. The Education Council also encourages suggestions from the general membership for activities and/or programs that we could be involved in to better meet the needs of particular constituents within SICB.

On behalf of the Education Council, I would like to acknowledge the efforts of the previous chair, John Pilger, who spearheaded the participation of the Education Council in the Strategic Planning process and who left us with well-defined goals to pursue. In addition, the service of former Education Council members David Towle and Linda Mantel is appreciated. The current Education Council membership will be updated on the SICB web site soon, but if you wish to get in contact with someone about a great idea or suggestion, the current members are: Sandra Gilchrist, John Hranitz, Linda Mantel, John Temple. Robert "Swifty" Stevenson, and Wendy Ryan (chair).

Program Advisory Committee

Robert Dores, Chair (rdores@du.edu)

Program Innovation Fund 2001

The Program Advisory Committee (PAC) is preparing to evaluate proposals for the **Program Innovation Fund** that are being submitted for the April 1, 2001 deadline.

The types of proposals that will be considered include, by are not limited to:
symposia that identify new "growth" areas for the society
distinguished lecturer series within a division
workshops that emphasis integration between divisions
program formats that have an international emphasis

Proposal Format

Abstract: summary of the salient features of the proposal (500 words)
Introduction and Rationale: 2 pages (single-spaced)
Proposal plan: no more than 4 pages (single-spaced); tables may be included
Budget page: itemized description of proposed expenses with justifications

Deadlines for Submitting Proposals for the 2003 Annual Meeting

- October 1, 2001: letter of intent
- November 1, 2001: complete proposal

– announcement of awards: 2002 meeting

Student Support Committee (SSC)

David W. Borst, Chair

Grants-in-Aid of Research (GIAR):

Graduate students in the Society submitted 67 applications for Grants-in-Aid of Research this year. The SSC met at the annual meeting in Chicago and made 17 awards (total awards = \$11,900 with an average award of \$700) to students from 8 divisions of the SICB. As in past years, the committee was impressed with the overall excellence of these proposals, which made the selection process difficult. If funds had been available, the committee would have felt justified in funding many more. We hope that those students who were unsuccessful this year will apply again this fall.

A major change made to the GIAR program last year was the electronic submission of proposals and letters of reference. This speeded up the submission process and also allowed members of the SCC to access the proposals electronically. The SSC thanks Ruediger Birenheide for designing the GIAR website. We estimate that the change to electronic submission saved the Society over \$4000 in office costs, and got the proposals to the reviewers more quickly. The SCC is pleased with this change, and plans to make some additional changes prior to the GIAR competition next fall. A list of the GIAR awardees can be found at www.sicb.org/grants/giarawards2001.php3.

Travel Awards:

Each year the Society provides significant travel support to students attending the national meeting by either paying for housing or registration fees. Students who receive these awards do small tasks for the Society at the meeting. Once again, the Society was able to support nearly every eligible applicant. Approximately 150 students received rooms and 25 students received free registration, for a total cost of about \$32,000. A large portion of this is provided by the generous bequest of Charlotte Magnum. The SCC thanks Micah Saunry of Burke Associates for the excellent attention he gave to the administration of these awards.

Student/Postdoctoral Affairs Committee (SPDAC)

Kevin M. Kelley, Chair

The Student/Postdoctoral Affairs Committee (SPDAC) hosted a very successful "Grad/Postdoctoral Workshop" at the Chicago meeting this past January, which was attended by several hundred postdoctoral and student members of the SICB. The workshop, *After the Ph.D.: Issues and Options. Planning the Most Effective Professional Transition*, addressed one of the most important periods during one's professional development, the "postdoc". Four speakers presented the following discussions, drawing on their professional as well as personal experiences:

- *Report on the National Academy of Sciences' study, "Enhancing the Postdoctoral Experience for Scientists and Engineers". Status of Postdocs and Their Choices*, by Dr. Kevin M. Kelley, Chair SPDAC, Assoc. Prof., Calif. St. Univ. Long Beach.
- *Discussion on Postdoctoral and Job Planning. I. The "Med–School" Postdoc and International Experiences: Strategies for Succeeding in Integrative and Comparative Biology Positions in the United States*, by Dr. Cunming Duan, Assist. Prof., Univ. Michigan
- *Discussion on Postdoctoral and Job Planning. II. Choosing an Appropriate Path as a Strategy Toward Your Career Goals in Integrative and Comparative Biology*, by Dr. Adam Summers, SPDAC Member, Asst. Prof., Univ. Calif. Irvine.
- *Funding in Integrative and Comparative Biology at the National Science Foundation: Postdocs and Beyond*, by Dr. William Zamer, Program Director, Division of Integrative Biology and Neuroscience, NSF, Professor, Lake Forest College, Lake Forest, IL.

The success of this workshop derived from the highly valuable comments and suggestions from each of the speakers. The SPDAC gives a special thanks to Dr. Bill Zamer, who came to address the student and postdoctoral SICB members, despite having a great many demands on his time at the NSF and while at the SICB meeting. In addition, Dr. Shea Tuberty (SPDAC Member from DIZ) went out of his way to make this and other SPDAC events successful: thanks!

PLANNING YOUR POSTDOC? CONSULT THE NATIONAL ACADEMY'S ON-LINE GUIDE TO ENHANCING THE POSTDOCTORAL EXPERIENCE FOR SCIENTISTS AND ENGINEERS:

www4.nas.edu/pd/postdoc.nsf

There is a wealth of information at this site!

For next year's meeting in Anaheim, CA, the SPDAC is currently soliciting input for activities and workshop topics. Contact the Chair, Kevin M. Kelley, at the following address: kmkelley@csulb.edu

Division of Animal Behavior (DAB): 2001 Spring Newsletter

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Message from the Secretary

Peter Smallwood

Best Student Paper Awards! Congratulations to Mark A Bee, of the Division of Biological Sciences at the University of Missouri—Columbia. He won the DAB's Best Student Paper Award for his oral presentation titled "Getting to know you: habituation as a mechanism for territorial neighbor recognition" (with H.C. Gerhardt).

All graduate students are encouraged to compete for these awards at the Anaheim meeting. There are actually three separate awards, each with its own cash prize: the best student poster award, best student paper award, and the A.M. Wenner Strong Inference Award (for the paper best exemplifying the use of strong inference in their experimental design). To be eligible for the DAB student paper awards, the applicant must be a member of SICB and our division. The student must indicate their intention to compete on the abstract transmittal form. Eligible papers must be original research by a graduate student or a Ph.D. whose degree was awarded no more than one year prior to the time of the meeting. Further information about support for graduate student attendance of the meeting of SICB can be found in the [Student Support Committee section](#) of this newsletter. Check it out: SICB can usually provide for your lodging in exchange for a half day of help (e.g., running the slide projector for an afternoon).

Symposia

At the Chicago meeting, DAB co-sponsored a wonderful symposium with the Division of Neurobiology (DNB): Vibration as a Communication Channel. This symposium was organized by our own out-going program officer, Peggy Hill. Many thanks to Peggy for a great symposium.

We are co-sponsoring two symposia with DNB at the up-coming meeting in Anaheim, California. Fredrick Prete and Peggy Hill are organizing a symposium on small critters: **Responding to the World with a Little Nervous System: Unique Models for Studying Perception and Behavior**. James Murray is organizing a symposium on the **Neural Mechanisms of Orientation and Navigation**. Both of these symposia will bring in good speakers.

We are a small division, but we have a tradition of putting on great symposia. We are always on the prowl for good symposium ideas. What special topic are you most interested in, what 8–12 speakers would you like to see in one meeting? If you have ideas for symposia, please contact me (psmallwo@richmond.edu) or our chair, David Pfennig (dpfennig@email.unc.edu).

DAB Candidates for Election

ELECTIONS!! PLEASE VOTE!! ELECTIONS!!

Peggy Hill has served her term as DAB–Program Officer, and is stepping down. Many many thanks to Peggy for her work as program officer. Peggy has helped the SICB Program Officer organize the oral presentation sessions of the past few meetings, recruited great symposia, organized and co–organized a few symposia herself, and generally helped look after the affairs of this Division. I have enjoyed working with her, and send her my personal thanks as well.

Paul Cupp has agreed to stand for election to be the new DAB–Program officer. Paul has been a loyal member of DAB, attending our business meetings and judging papers for several years. He is running unopposed.

PLEASE VOTE: even in uncontested elections, we need actual votes to elect the officers.

Candidate for Program Officer

Paul Cupp

Current Position: Professor, Dept. of Biological Sciences, Eastern Kentucky University.

Education: B.S., M.S., Eastern Kentucky University; Ph.D., Clemson University.

Professional Experience: Assistant Professor, Georgia Southern College, 1973–74; Assistant Professor, 1974–79; Associate Professor, 1979–85; Professor, 1985–present, Eastern Kentucky University.

SICB Activities: Educational Council, 1993–96.

Other Memberships: Sigma Xi; Society for the Study of Amphibians and Reptiles; Herpetologists' League; American Society of Ichthyologists and Herpetologists; Association of Southeastern Biologists; Kentucky Academy of Science.

Research Interests: Reproductive behavior and territoriality in salamanders, chemical detection of predators and prey, thermal tolerance and acclimation in amphibians.

Goal Statement: I would promote programs to increase the participation of members in division activities including presentation of papers and service. I would maintain the tradition of sponsoring symposia of high quality and broad appeal.

Division of Comparative Endocrinology (DCE): 2001 Spring Newsletter

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Message from the Chair

David Norris (david.norris@colorado.edu)

As I gaze out my air-conditioned office window in warm Sydney, Australia, I find it hard to imagine that just a few weeks ago I was freezing various body parts in Chicago. If you weren't there, you also missed some great symposia and many stimulating presentations. The Aubrey Gorbman Award for the best student oral presentation went to Katrina Salvante of Simon Fraser University for her presentation "Hormonal control of reproduction: effects of corticosterone on timing of laying, egg size, clutch size and yolk precursor levels." C. Morgan Wilson of the University of Mississippi received an honorable mention for his presentation "The endocrine basis for trade-offs between immediate survival and reproductive success in arctic- and temperate-breeding yellow warblers." Daesik Park of Northern Arizona University received the award for the best poster which was titled "Purification and action of a repelling pheromone from male red spotted newts." Congratulations to these fine students and to their advisors. Many thanks to the judges Michael Romero (chair), Diana Hews, Miles Orchinik, Greta Rosen, Thane Wibbels and Kevin Kelley.

At our business meeting we voted to establish the Howard A. Bern Distinguished Lectureship in Comparative Endocrinology to be presented by a distinguished scientist at each annual meeting of SICB. Howard has consented to start off the series at Anaheim in January, 2002. Nominations for the 2003 candidate should be sent to me (or any other DCE officer) before the Anaheim meeting so that the Executive Committee can select the recipient. Also, plans are underway to erect a website for the coming international comparative endocrinology meeting being organized by Stacia Sower and Ian Callard for Boston in 2005. Look for information on that soon. Meanwhile, be planning those abstracts for Anaheim and don't forget to vote for your Chair-Elect and Secretary-Elect. Special thanks to the nominating committee that was chaired by Bob Dores and included Diana Hews and Penny Hopkins.

Message from the Program Officer

Sunny Boyd (boyd.1@nd.edu)

The Chicago 2001 meeting was a busy one for DCE members. First, three of the four meeting days included our symposia. Please join me in thanking Jim Carr and Cliff Summers for organizing the symposium on "Stress: Is it More than a Disease? A Comparative Look at Stress and Adaptation." Many thanks as well to Jai Menon and Bob Denver for organizing the symposium "Amphibian Metamorphosis." Both were stimulating additions to the program. Individual member contributions were also significant and we had 34

oral presentations and 29 poster presentations by DCE members at Chicago. The arrangement of both oral and poster presentations was based on keywords chosen by authors this year. This resulted in the posters of DCE members being spread a bit more than in the past. I welcome your opinions on organization of the oral papers and posters, whether you would like to complain or just "fine-tune" some aspect of the system. Remember that choice and order of keywords on the abstract transmittal form is of prime importance in deciding where your contribution will be scheduled. (Keywords are not used only for indexing, as they are by some organizations.) If all members of a lab would like to present together, then all abstracts should have the same keywords listed in the same order.

I would appreciate member input on two program issues. First, as the annual meeting becomes larger, the society as a whole is struggling with how to expand. At the Chicago business meeting, I took a straw poll on whether members preferred the society increase scheduling on Sunday afternoons or increase scheduling on Wednesday afternoons. Member votes at the meeting were about equally split. If you have an opinion on this issue, please write to me at boyd.1@nd.edu. Second, some changes in program scheduling may impact how we conduct the Best Student Paper awards. Presenters are now allowed to give both an oral and a poster presentation. Should we allow students to compete in both competitions in a given year? "Late" abstracts are now accepted for poster presentations. Should those students submitting late abstracts be allowed to compete or only those submitting by the regular deadline? Lastly, some other divisions have had problems with students asking to be judged in the best poster competition but those students are then not at their posters. Should we require DCE students in the best poster competition to be at their posters during the assigned times? Again, please email me with your opinions.

The Anaheim meeting in 2002 is being organized now. Kevin Kelley and Cunming Duan are organizing a [symposium on hormone binding proteins](#) for the Anaheim meeting. Remember that mini-symposia are easy to organize and there is still ample time before Anaheim. Mini-symposia do not have to be research topic-based. They can focus, for example, on individuals to honor, research techniques, or particular organisms. Please contact me (boyd.1@nd.edu) if you have any ideas. Feel free to send your ideas anonymously, if you are worried I might try to trap you into organizing!

Message from the Secretary

Bob Denver (rdenver@umich.edu)

Minutes of the Business Meeting
Chicago, Illinois, January 4th, 2001

Chuck Crumley of Academic Press addressed the membership and announced that Bob Dores has accepted the position of Editor-in-Chief (USA) for *General and Comparative Endocrinology*. Bob Dores then addressed changes to the manner in which manuscripts will be processed and reviewed and changes to the journal (changes effective Feb. 1, 2001). A board of editors has been established comprised of 30 associate editors to handle manuscripts in specific topic areas. The two editors-in-chief (Dores and Hendersen) will distribute manuscripts to these editors who will then be responsible for selecting reviewers. Reviews will be transmitted to the communicating editor-in-chief who will make a final decision on the manuscript. Manuscripts should now be submitted to the editorial office at Academic Press in San Diego; please see current Instructions for Authors for details. The transmission of manuscripts for review via the Internet (e.g., as PDF files) will be encouraged. In addition to traditional research reports, state-of-the-art reviews will be solicited (Frank Moore will serve as editor of invited reviews) and short communications dealing with new findings in genomics, proteomics, or techniques will be accepted. These papers should be no more than 10

pages in length and are intended to "provide authors with a venue for presenting new data on gene sequences, hormone/neuropeptide structures, or technical innovations relevant to comparative endocrinologists." Also welcome are 'Current Perspectives' manuscripts. These papers, limited to 8 pages, are intended to "provide authors with a forum for discussing topics and trends in comparative endocrinology." These articles "should raise interesting or unanswered questions, present arguments about the significance of recent findings, describe the application and limitations of new methods and technologies, or consider potential interfaces between endocrinology and other disciplines in the sciences." An updated Instructions for Authors will be published in an upcoming issue of the journal or can be accessed via the Internet at www.apnet.com/www/journal/gc/gcifa.htm.

Bill Zamer, the new program officer for Integrative Animal Biology at NSF spoke on changes at NSF that will affect DCE members. Proposal and progress report submissions are now exclusively electronic, via FASTLANE. When submitting proposals as PDF files he cautioned that the files be downloaded for proof-reading before final submission (to verify that there are no glitches in the file). Also, access to proposals by *ad hoc* reviewers and the submission of reviews is now being conducted via the Internet. He solicited volunteers for program officer positions at NSF as well as reviewers and program panel members. Interested individuals should contact the respective program office at NSF. He requested that when NSF grant recipients publish in high profile journals (e.g., *Science*, *Nature*, *PNAS*) that they inform their program officers. This is an important way to increase visibility for the research that NSF supports.

Sunny Boyd announced that DCE had 34 oral and 29 poster presentations at the Chicago meeting. Sunny emphasized that members wishing to have their papers grouped with other DCE papers should use "Comparative Endocrinology" as their primary keyword when submitting abstracts. Sunny pointed out that there is still time to submit proposals for mini-symposia for the Anaheim meeting. Note that the Anaheim meeting will be held January 2-6, 2002. It was noted that members should make travel plans early since the meeting may overlap with the local sporting events.

A proposal to establish the Howard A. Bern Lectureship in Comparative Endocrinology was accepted. The lectureship will be established at the Anaheim meeting and Howard Bern has graciously agreed to give the inaugural lecture.

Changes to the Society's flagship journal *American Zoologist* were discussed. These include a proposal to change the name of the journal to "Integrative and Comparative Biology". A ballot for changing the name was collected at the Chicago meeting and results will be announced soon. In addition, the format of the journal will be changed to 8 1/2 x 11. The long delay, as long as two years, between submission of symposium articles and publication was discussed. It was agreed that this problem needs to be resolved and one short term solution will be to temporarily increase the number of issues to overcome the backlog.

The SICB Executive Committee requested feedback on a proposal to place more emphasis on posters and less on oral presentations at the annual meeting. It was generally agreed by the DCE membership that this would be a bad idea since the annual meeting is viewed as a valuable forum for students to gain experience presenting their findings in an oral presentation format.

It was announced that Miles Orchinik won the election for Program Officer-elect for DCE. Miles will take over the position from Sunny Boyd at the Anaheim meeting.

A new divisional website has been established (www.sicb.org/divisions/dce.php3) which is intended to provide current information of relevance to the DCE membership. Future development of this site will include links to sister society homepages and meeting homepages. Suggestions for material to be included on this site are welcome (rdenver@umich.edu).

Upcoming Meetings

The following link provides information on select upcoming comparative endocrinology meetings:
www.sciref.org/links/AEOrgs/compendo.htm

14th International Congress of Comparative Endocrinology
Sorrento (Napoli), Italy
May 26–30, 2001
www.napoli.com/studiocongressi/congr2001.htm

International Symposium on Amphibian and Reptilian Endocrinology and Neurobiology
Camerino, Italy
May 31 – June 2, 2001
ntbio.unicam.it/isaren/

5th Annual Meeting, Society for Behavioral Neuroendocrinology
Scottsdale, Arizona
June 27– July 1, 2001
www.sbne.org/Meeting/2001/2001mtg.html

Fourth Intercongress Symposium of the Asia and Oceania Society for Comparative Endocrinology
China, 2002
Info: Jean Joss jjoss@rna.bio.mq.edu.au

21st European Society for Comparative Endocrinology
Bonn, Germany
August 26–31, 2002
www.esce2002.uni-bonn.de

The 2005 ICCE will be held in Boston and will be co–chaired by Ian Callard and Stacia Sower. Stacia is currently requesting proposals for satellite symposia.

Please send comments on the newsletter and messages for the Fall 2001 DCE newsletter to rdenver@umich.edu.

DCE Candidates for Election

Candidates for Chair–Elect

Catherine Propper

Current Position: Associate Professor, Department of Biological Sciences, Northern Arizona University, Flagstaff, Arizona

Education: A.B. Zoology, University of California, Berkeley, 1982; Ph.D. Oregon State University,

Corvallis, 1989.

Professional Experience: NRSA Postdoctoral Fellow, University of Colorado, Mentor: Richard E. Jones, 1989–1990; Assistant Professor, Department of Biological Sciences, Northern Arizona University, Flagstaff, 1991–1996; Associate Professor, Department of Biological Sciences, Northern Arizona University, Flagstaff, 1996–present.

SICB Activities: Member, Graduate Student, Postdoctoral Fellow Representative DCE 1986.

Other Memberships: Sigma Xi, AAAS

Research Interests: Action of endocrine disrupting compounds on reproduction and stress responses; neuroendocrine control of seasonal reproduction and behavior. We use amphibians as model systems to examine the effects of low–level exposure to pesticides on reproduction and behavior. We are also investigating the molecular mechanisms that are involved in the initiation of seasonal reproduction.

Goal Statement: Comparative studies in many fields have often led to outstanding discoveries in basic science. I would like to develop a platform for promoting both historical and current comparative endocrine studies that are important to pushing forward the field. I believe that SICB and the Division of Comparative Endocrinology are positioned to act as the sponsors of such an effort.

David Borst

Current Position: Professor of Biology, and Head of the Cell Biology, Physiology, and Developmental Biology Section, Department of Biological Sciences, Illinois State University, Normal, IL

Education: B.A., Biology, Reed College, 1969; M.A., Zoology, UCLA, 1970; Ph.D., Biology, UCLA, 1973.

Professional Experience: Damon Runyon Postdoctoral Fellow, Dept. Zoology, UC Berkeley, 1973–76; Assistant Professor, Physiology Section, Univ. CT, Storrs, 1976 – 1985; Visiting Scholar, UCLA, 1984; Associate Professor of Biology, Illinois State Univ. (ISU), 1985–1990; Professor of Biology, ISU, 1990 – present; Visiting Scholar, Univ. Washington, 1990 – 1991; College of Arts and Sciences Research Award, ISU 1995, Visiting Professor and NIH–Fogarty International Fellow, Univ. Liverpool, 1997 – 1998; Editorial Board, American Zoologist, 1997 – present; Outstanding University Research Award, ISU, 1999; Associate Editor, Journal of Experimental Zoology, 1999 – present.

SICB Activities: SICB member since 1972. During the past decade my activities in the SICB have included: Chair, Graduate Student Postdoctoral Affairs Committee (1990–1994); Co–Organized, Midwest Regional Endocrinology Conference (May, 1992); Member, DCE Best Student Paper Award Committee (1992, 1995, 1996); Editorial Board, American Zoologist (1997 – present); Chair, Graduate Student Awards Committee (1996 – present); I organized panel discussions on: *The Publication Process: Four Inside Views* (1990); *Life Outside the Ivory Tower: Nonacademic Jobs for Biologists* (1991); *Strategies for Finding an Academic Job* (1992); *How to Shake the Money Tree: a Guide to Research Funding for Graduate Students and Post–Doctoral Fellows* (1993); I co–organized a symposium " *Recent Advances in Crustacean Endocrinology – a symposium in honor of Milton Fingermann* " (2000).

Other Memberships: American Association for the Advancement of Science, MBL Corporation, Endocrine Society, Crustacean Society, International Federation of Comparative Endocrinology, Sigma Xi, Phi Sigma.

Research Interests: Endocrine regulation of development, growth, and reproduction. Current studies focus

largely on the roles of juvenile hormones and ecdysteroids in arthropods and ovarian steroids in birds. In the past, I studied the role of prolactin and insulin related compounds on the growth and differentiation of mouse mammary tissue.

Goals Statement: The SICB has been reinvigorated during the past decade, in part because new molecular and cellular tools have given us a more sophisticated understanding of how organisms integrate their functions. Since endocrine systems have a critical role in such integration, it is not surprising that the DCE has also grown stronger during this period. One goal of our division should be to encourage the further development and use of these molecular and cellular tools. Another goal should be to increase the dialogue between our members and with members of other SICB divisions. These goals can be achieved in several ways. First, we need to increase attendance by new (especially younger) and current members at the national meeting. This can be partly accomplished by the continuing to increase the quality of our symposia, some of which should be focused on the technical developments in our field. Second, we need to continue to improve our journal, since it is a major means of attracting interest to our field. Finally, we need to continue and perhaps increase our financial support of regional meetings.

Candidates for Secretary–Elect

Cliff H. Summers

Current Position: Professor of Biology and Neuroscience, University of South Dakota

Education: Ph.D., University of Colorado, Boulder, 1987

Professional Experience: Postdoctoral training at UCLA, Univ. Tennessee, and Univ. Colorado 1986–1990. Assistant Professor, California State University, San Marcos 1990–1991. Assistant, Associate and Professor, University of South Dakota 1991–2001.

SICB Activities: Life Member, Organized Symposium: Stress – Is it more than a Disease? A Comparative Look at Stress and Adaptation, with James A. Carr for the 2001 annual meetings in Chicago.

Other Memberships: Society for Behavioral Neuroendocrinology, Society for Neuroscience, JB Johnston Club, AAAS.

Research Interests: Neuroendocrinology of stress. Mechanisms for how and why individuals differ, how responses are characterized temporally, and the relationships between stress, learning, biological rhythms, and reproduction.

Goals Statement: I think the objectives for any society, division, or officer should include being: User friendly, effective within a limited scope, and informative. My goal is to apply those principles to the duties of secretary.

James A. Carr

Current Position: Associate Professor, Department of Biological Sciences and The Institute for Environmental and Human Health, Texas Tech University, Lubbock.

Education: B.S., Rutgers University, New Brunswick, 1982; M.A., University of Colorado, Boulder, 1986;

Ph.D. , University of Colorado, Boulder, 1988.

Professional Experience: Research Associate, Department of Anatomy, University of New Mexico School of Medicine, Albuquerque, 1988–1989; NIH Postdoctoral Fellow, University of New Mexico School of Medicine, Albuquerque, 1989–1991; Assistant Professor, Department of Biological Sciences, Texas Tech University, 1991–1997; Associate Professor, Department of Biological Sciences, Texas Tech University, 1997– Present; Adjunct Faculty, The Institute for Environmental and Human Health, Texas Tech University, 1998–Present.

SICB Activities: Member, 18 yrs. Co–organizer, SICB symposium, "Stress–Is it more than a Disease? A Comparative Look at Stress and Adaptation"; Judge, Aubrey Gorbman Best Student Paper/Poster, Division of Comparative Endocrinology (1996, 1999, 2000); Co–organizer, Southwest Regional Conference on Comparative Endocrinology, Lubbock, TX, 1994.

Other Memberships: Society for Neuroscience, J.B. Johnston Club, American Heart Association, International Neuropeptide Society, European Comparative Endocrinology Society.

Research Interests: My research focuses on various aspects of comparative neuroendocrinology. I am particularly interested in the physiology and evolution of brain and pituitary melanocortin peptides and the influence of environmental contaminants on endocrine function.

Goals Statement: To maintain the identity of our division while at the same time fostering interaction with other divisions within the society, especially through jointly sponsored symposia. To support and publicize our regional and national meetings as platforms for discussing comparative endocrinology from molecular to behavioral levels, thereby encouraging an integrated approach to the topic.

Division of Comparative Physiology & Biochemistry (DCPB): 2001 Spring Newsletter

In this newsletter:

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Message from the Chair

Steven C. Hand

Our Chicago meeting continued the trend in recent years of increased attendance and was a very successful gathering for the Division. Many strong symposia of interest to our discipline were presented. Thanks to those divisional members who organized symposia sponsored or co-sponsored by our division: Tim Bradley, Mary Chamberlain, Martin Feder, Frank Fish, Robert Full, David Goldstein, Berry Pinshow.

The latest recipient of the [Bartholomew Award](#), Dr. Martin Wikelski (Princeton University), was honored in Chicago at the DCPB business meeting (see The George A. Bartholomew Award, below) and then immediately afterward treated a large audience to an enjoyable presentation of his ongoing investigations into the physiological ecology of marine iguanas. Congratulations again to Martin. This year's winner of the Best Student Poster Award from DCPB was Thomas V. Hancock (Department of EPO Biology, University of Colorado, Boulder) for his work entitled, "The tradeoff between endurance and metabolic costs using intermittent locomotion in the desert iguana (*Dipsosaurus dorsalis*)." Two winners were recognized for the Best Student Paper Award from the Chicago meeting: Peter M. Piermarini (Department of Zoology, University of Florida) for a presentation entitled, "Effect of salinity on expression of the vacuolar proton-ATPase B-subunit in the gills of a euryhaline stingray (*Dasyatis sabina*)," and Todd M. Hoagland (Department of Biology, University of Notre Dame) for his talk entitled, "Systemic vascular compliance in two amphibians." These three students are congratulated for their fine contributions.

For those not in attendance at the Chicago DCPB business meeting, it is appropriate to announce again that the new Chair Elect of our Division is Nora Terwilliger (University of Oregon), and the new Program Officer is Jon Harrison (Arizona State University). Thanks to both of these individuals for their willingness to serve the society in this important way. Also, a hearty thanks is offered to Michele Wheatley for completing an excellent term as the DCPB Program Officer.

We are holding elections for DCPB Secretary – please vote (see [Message from the Secretary](#) for candidate CVs). Our current Secretary Jeannette Doeller will complete her term at the upcoming SICB meeting in Anaheim, January 2–6, when the new Secretary will start. I hope to see you there.

Message from the Program Officer

Jon Harrison

First I'd like to thank Michele Wheatly for a wonderful job organizing the symposia and best student paper competitions for Atlanta, Chicago, and Anaheim (Jan. 2–6, 2002). There were more good symposia than any one individual could attend in Atlanta and Chicago, and that is the way the meetings should be!

ANAHEIM, 2002: The Anaheim meeting has three symposia co-sponsored by DCPB: "Biomechanics of Adhesion", organized by Kellar Autumn and Robert Full; "Dynamics and Energetics of Animal Swimming and Flying", organized by Malcolm Gordon, Ian Bartol, and Jay Hove; and "The Physiological Ecology of Rocky Intertidal Organisms: From Molecules to Ecosystems", organized by Lars Tomanek and Brian Helmuth. Other symposia planned for the meeting include "Integrative Approaches to Biogeography: Patterns and Processes on Land and in the Sea", "The Cambrian Explosion, Putting the Pieces Together, New Perspectives on the Origin of Metazoan Complexity", "Ecological Developmental Biology", "Integrative and Evolutionary Roles of Extracellular Hormone-binding Proteins", "Neural Mechanisms of Orientation and Navigation", "Responding to the World With a Little Nervous System: Unique Models for Studying Perception and Behavior", and "Tendons: Bridging the Gap". With these symposia, it should be a great scientific meeting. Also with Disneyland and the Rose Bowl Parade to visit before or after, you might want to think about bringing along the family this year!

TORONTO, 2003: Now we are trying to plan the January 4–8, 2003 SICB meeting in Toronto, and need symposium proposals to enrich the program. We do not have a firm deadlines for when the symposia proposals are due at this time. Probably they will be due in late spring/early summer. My recommendation is that you get the proposals in right away—or if you're like me—you'll forget about it! Please send to me (j.harrison@asu.edu) the following:

1. Title of the symposium
2. Potential sponsoring divisions of SICB
3. Contact information for symposium organizers
4. Rationale for symposium (purpose, background)
5. Timeliness of symposium (have there been other recent symposia on similar topics?)
6. Program: List of speakers, their area of expertise, tentative talk titles, organizational structure of symposium

For the Toronto SICB meeting, think in particular about symposia which integrate across levels of organization, taxonomic diversity, or the divisional disciplines of SICB. Also think about organizing symposia which will bring new members to SICB, or at least scientists who do not normally attend but would enjoy and enrich the society's focus on integrative and comparative biology.

If you have never organized a symposium, this is a great opportunity to highlight and advance your area of research interest. It is also a great professional activity. Good symposia are the core of any scientific meeting and help provide focus to a discipline. Consider co-organizing a symposium with a colleague to broaden the scope of the symposium, and to share the work. Thanks in advance for being a key part our meetings!

OTHER MEETINGS OF INTEREST (see also [Message from the IUBS/IUPS Representative](#) for more meeting information)

The Roles of Experimental Biology in the Protection of Endangered Species and the Control of Species – University of California, Los Angeles 12–14 September 2001. Subject areas to be covered will include (but

will not be limited to) i) Comparative physiology of endangered and exotic species in the wild; ii) Comparative physiology of captive breeding of endangered species; iii) Genetic engineering for species survival and exotic species control; iv) Microbiological and endocrinological approaches to control of exotic species; and v) Integrating experimental scientific results into policy making for protection of endangered species and control of exotic species. Additional information about the conference is given at the website: www.ioe.ucla.edu/biodiversity/index.html. Inquiries may be addressed to conference co-Chair, Dr. Soraya M. Bartol, at smbartol@ucla.edu.

34th International Congress of Physiological Sciences, Christchurch, New Zealand, 26–31 August 2001. The comparative physiological components of the scientific program are relatively limited in number, but should be of interest to some DCPB members. There will be four symposia, with associated poster sessions, that will be primarily comparative. Their titles are "Thermal adaptations", "Cardiovascular adaptations to the environment", "Starvation as a normal feature of animal life histories", and "From philosopher to fish." A number of other sessions are likely to include comparative topics as well. Look at the Congress website for details: www.iups2001.org.nz. Online registration is available at www.the-aps.org/meetings/internat/mtg_iups2001.htm

APS sponsored conference on Comparative Physiology, San Diego, CA, August 25–28th, 2002. The conference is tentatively entitled "The Power of Comparative Physiology: Evolution, Integration and Applied". Information on the symposia for this conference is available at www.the-aps.org/sect_groups/compar/spring2001nwsltr.htm.

Planning is in progress for the Sixth International Congress of Comparative Physiology and Biochemistry, sponsored by IUBS, which will take place in southern Australia in February 2003. Major decisions about the symposia for that Congress will be made by the International Organizing Committee (IOC) for the Congress at a meeting to take place at the Christchurch Congress next August. Nora Terwilliger, SICB's representative to IUBS (see Message from the IUBS/IUPS Representative, below), has gathered symposia suggestions from our members.

Message from the IUBS/IUPS Representative

Nora Terwilliger

IUPS 2001, August, Christchurch, New Zealand

Early registration for this meeting was extended to March 14, 2001 to enable registration at discounted fees. I hope those of you heading south this summer got in on it. Registration will remain open for some time, of course – it will just cost more. The US National Committee/IUPS will be meeting during Experimental Biology 2001 in Orlando in early April to assess USNC/IUPS travel grant applications for the New Zealand meeting. Most of these funds are provided by the American Physiological Society. I will be participating in the selection process as your DCPB representative to the USNC/IUPS. The focus this year will be enabling young investigators, women and underrepresented minorities to attend the New Zealand meeting. I hope there are many DCPB members in the pile of applicants, and I look forward to seeing DCPB colleagues in Christchurch.

Chobe 2001, August, Botswana

Before the New Zealand meeting, of course, is the Comparative Physiology conference in Chobe, Botswana. Time to get your shots and purchase your non-mosquito-attracting wardrobes and stock up on photography equipment and supplies.

Sixth International Congress of Comparative Physiology and Biochemistry IUBS 2003, February, Australia

Plans for this conference are enthusiastically underway. It will take place at the Mount Buller campus, La Trobe University, about three hours from Melbourne. "The campus is located in the Victorian high country in an area of mountain ranges, snowgums and rivers." Sounds great! The meeting will be organized similarly to the Fifth Congress in Calgary, with symposia (five invited speakers and several contributed papers selected from poster abstracts), plenary speakers and poster sessions. Please send your suggestions of DCPB members who might be potential plenary speakers to me (nterwill@oimb.uoregon.edu) ASAP.

There are now 11 Societies (including DCPB/SICB!) that are members of this Comparative Physiology Congress. Each society will submit five symposium titles, plus five more from the Organizing Committee. These 60 suggestions will be compiled in a final list to be reviewed by the IUBS representatives of each society at the IUPS meeting in Christchurch this August. The list will be whittled down to 40 approved symposia and plenary speakers will be selected as well. Let's hope we have some really good topics and speakers organized by DCBP colleagues.

Message from the Secretary

Jeannette E. Doeller

We are holding elections for DCPB Secretary this Spring. Following are the candidates' CVs. **Please fill out the ballot when it arrives and vote!**

Secretary Candidates

Mary E. Chamberlin

Current Position: Associate Professor, Department of Biological Sciences, Ohio University

Education: B.S. , 1976, Zoology, University of California at Davis; Ph.D., 1982, Zoology, University of British Columbia

Professional Experience: Rush Elliott Endowed Professor, Ohio University, 1999–2004; Associate Professor, Department of Biological Sciences, Ohio University, 1991–present; Assistant Professor, Department of Biological Sciences, Ohio University, 1984–1991; Visiting Scientist, Department of Zoology, University of Guelph, 1989–1990; Research Associate, Department of Physiology, Duke Medical Center, 1982–1984.

SICB Activities: Co-organizer (with Tim Bradley) of SICB symposium, "Integrative Aspects of Epithelial Structure and Function" (Chicago, 2001); Symposium speaker for the SICB symposium, "Integrative Aspects of Epithelial Structure and Function" (Chicago, 2001); Symposium speaker for the ASZ symposium, "Respiratory and Ionic Aspects of Acid–base Regulation in Insects" (Vancouver, 1992); Seven other presentations at SICB (ASZ) since 1980; Member since 1985.

Other memberships: American Physiological Society; President–elect of the Ohio Physiological Society.

Research Interests: My research is centered on cellular energetics, with a special emphasis on the metabolism of ion–transporting epithelia. Therefore, my research bridges the fields of ion transport physiology and metabolic biochemistry. See www.biosci.ohiou.edu/faculty/chamberlin/index.html for details regarding my research program.

Goals Statement: The role of the secretary is to gather and disseminate the information provided by the officers and other members of DCPB. Two of the most effective ways to keep members informed of society and divisional activities is through e–mail and the world wide web. I will continue to employ these tools to facilitate communication between the division and its members.

Bernard B. Rees

Current Position: Assistant Professor, Department of Biological Sciences, University of New Orleans, New Orleans, LA 70148; email: brees@uno.edu

Education: B.S., 1984, University of Southwestern Louisiana (UL Lafayette); Ph.D. 1992, University of Colorado, Boulder

Professional Experience: Post–doctoral Fellow, Hopkins Marine Station, Stanford University, 1992–1995; Assistant Professor, University of New Orleans, 1996–present

SICB Activities: Member since 1986; active participant in annual meetings (10 presentations since 1986); Best Student Paper Judge (DCPB, 1999); Contributed Paper Session Co–chair (DCPB, 2001)

Other memberships and service: American Association for the Advancement of Science; American Society for Cell Biology; Panelist and ad hoc reviewer for the National Science Foundation (Evolutionary and Ecological Physiology)

Research Interests: My research interests are in the area of environmental physiology and biochemistry, in particular the responses of aquatic organisms to low oxygen (hypoxia). My students and I have used an integrative approach, combining physiological ecology, metabolic biochemistry and molecular biology, in order to better understand the responses of estuarine and freshwater fishes to hypoxia. Currently, I am very interested in oxygen–regulated gene expression and I am developing approaches to study this process on a couple of "model" groups, killifish (*Fundulus* spp.) and zebrafish (*Danio rerio*). A related area of interest is mechanisms of metabolic regulation in animals during changing, or stressful, environmental conditions.

Goals Statement: As secretary of the Division of Comparative Physiology and Biochemistry, I would work as an active intermediate in the dialog between the membership of the Division and the officers of the Division and Society. In particular, I would work closely with the Program Officer to ensure that our members remain informed of, and active in, events occurring at the annual meetings of the SICB and other related societies. I would also work to increase the exposure of DCPB, and SICB in general, at the national and international levels and encourage participation in SICB events by members of other scientific societies.

SICB DCPB BUSINESS MEETING MINUTES, January 5, 2001:

Chair Steve Hand called the meeting to order. He announced the results of the fall election: our new Chair–Elect is Nora Terwilliger, and our new Program Officer is Jon Harrison. Nora will start her term as Chair after the Anaheim meeting, Jon will start his term immediately.

Steve introduced Bill Zamer, the Program Officer of Integrative Animal Biology at NSF who discussed a number of NSF–related issues:

- Proposals are now submitted by Fastlane, as well as supplemental requests and progress reports, and pending proposal status can be checked by Fastlane.
- NSF is looking for people interested in serving as Program Officers, also as ad hoc or panel reviewers.
- NSF is also looking for new ideas and interesting formats for workshops and their follow–ups. Workshops often promote discussions or develop new areas by bringing together people from different fields.
- Any PI about to publish in high profile journals such as Science, Nature or PNAS should contact their Program Officer so he/she can alert the press. NSF would also like to use great photographs, research results and figures, etc. for promotional purposes.
- The Division of Integrative Biology and Neuroscience (IBN) would like feedback about their cluster programs – does this structure work for the scientific community?
- There appears to be broad bipartisan support now for doubling the NSF budget in the next 5 years. If approved, the new fiscal year 2001 budget gives a 13.6% increase to NSF – the largest dollar amount increase. Bill indicated in response to a question that it is appropriate for the leadership of individual societies to show support for NSF when it goes to Congress.
- In response to questions about annual and final reports, Bill suggested calling program officers for information about timing. He said that the final report should include three main areas: 1) evidence of productivity, 2) contributions of students and post–docs, and 3) the central findings and implications for the field.
- Symposia support requests go to the appropriate panels, with some money available for travel. International Programs might support travel to international meetings when the intent is to develop new collaborations. Any person with comments, contributions or an interest in serving should contact Bill at wzamer@nsf.gov or check out the NSF website (www.nsf.gov).

Steve introduced Nora Terwilliger, our Chair–Elect and representative to the IUPS and IUBS, who described our involvement in these societies (see Message from the IUBS/IUPS Representative). The DCPB is a member of the IUPS (www.iups.org) and is represented on the US National Committee (USNC) which will meet next in August 2001 at the IUPS meeting in New Zealand. The DCPB is also a member of the IUBS (www.iubs.org), which last met in Calgary in August 1999, and will next meet in Australia in February 2003. These ICCPB meetings are organized by all member societies. The IUPS 2005 meeting will be in Washington DC, and DCPB and APS will play a major organizing role for this meeting.

Steve introduced Michele Wheatly, the outgoing Program Officer. She asked for feedback concerning some changes made for this meeting. 1) All programming was done electronically by author–selected topic. This was easier for the Program Officers but made it harder to have divisional activities such as poster sessions. 2) Are evening poster sessions OK? Should there be a day time for posters? 3) Some members would prefer a meeting with only symposia and posters, but some divisions oppose this idea. 4) Since a member can now submit both posters and talks, this increases the presentations, but also the conflicts. Any comments concerning these issues can be directed to me (doeller@uab.edu) or Jon Harrison (j.harrison@asu.edu).

There were 12 volunteers to judge student poster and oral presentations – many thanks.

She discussed upcoming meetings and then introduced Jon Harrison (see Message from the Program Officer for more information).

Michele was applauded for her service as Program Officer – thanks for a great job Michele!

Martin Feder, SICB President, was introduced. He acknowledged that the DCPB is the largest and a very important division in SICB. He introduced Marvalee Wake, SICB President–Elect, and Brett Burk of Burk and Associates, SICB's managing organization, for questions and answers.

For this meeting, there were 1100 preregistrations and 900 abstracts submitted – the most ever.

Brett discussed election policy. There was low voter response this year with all elections due to the difficulty in all the steps involved. Because SICB is incorporated in Illinois, electronic voting is currently illegal, although this may change in 1–2 years. The next ballot will be sent by regular mail with email reminders to respond. There has been some discussions of having all divisional and society–wide elections in the spring. About electronic glitches in registration, etc., Brett requested specific feedback so they can fix the problems.

Steve introduced Chrisy Carello, who reported on the Physiological and Biochemical Zoology (PBZ) journal (see Annual Report of Physiological and Biochemical Zoology, below). The 5–year term for PBZ Editor–in–Chief Greg Snyder is coming to an end. There will be a call for proposals for PBZ editorship on the SICB web site and through the email, with a mid–March deadline. Proposals will be evaluated by the 3 DCPB officers to make recommendations to the U. Chicago Press.

Steve introduced John Phillips, the DCPB representative to the American Zoologist journal. Representative duties include selection of symposia for publication. There will be a format change in the journal to go along with the name change (if vote is positive), as well as use of color and opinion pieces. There will be an email request for representative nominations by next August.

Steve indicated that because of Burk and Associates, SICB is in good financial condition, which has led to an approved \$85 further decrease in society dues.

There are 3 society–wide executive committee issues for vote:

1. Should we continue with posters and oral presentations? Vote is in favor of maintaining status quo. Michele reminded members that Program Officers like it when they check the "either/or" box for presentation preference.
2. Should newsletters be kept on line? Vote is in favor; many people have actually looked at the newsletter, as seen by a show of hands.
3. For the Anaheim meeting, should SICB bring in presidents of other societies as an outreach program? Vote is in favor, viewed as a reasonable way to use SICB funds.

Meeting was closed in order to prepare for the Bartholomew Award presentation to and seminar by Martin Wikelski (see [The George A. Bartholomew Award](#), below). Martin was introduced and given the award by Steve Hand, accompanied by a cash award from Sable Systems, presented by John Lighton. Martin's seminar was entitled "Darwin, Bartholomew, and the Marine Iguanas: the Fascination of Physiological Ecology".

Annual Report of Physiological and Biochemical Zoology to the Division of Comparative Physiology

and Biochemistry, 2000

HIGHLIGHTS

The year 2000 saw a record high for manuscript submissions and a record low for the period between manuscript submission and appearance in print. Our goal for the forthcoming year will continue to be publishing manuscripts of the highest quality in the shortest possible time.

NUMERICAL ACCOUNTING OF MANUSCRIPTS

These figures cover the period July 1, 1999 through June 30, 2000.

Sixty-nine manuscripts were published. This represents a decrease of about 12% from last year's figure, and reflects the relatively low submission rate in 1998–1999. Of the 69 manuscripts published, 64 were research papers, 2 were Technical Comments, 2 were Invited Perspectives, and one was a correction. The numbers of Invited Perspectives and Technical Comments were the same as published last year.

One hundred sixty three manuscripts were submitted during the report period, an increase of 10% over last year's submissions (148). As of this writing, 75 (46%) of those manuscripts have been accepted for publication; 31 of the accepted manuscripts have already appeared in print, and 44 are in press. Of the submitted manuscripts, 5 (3%) are still in review, 24 (15%) are in revision, and 59 (36%) have been rejected.

Of the manuscripts submitted during this period, 55 (34%) originated from first authors affiliated with U.S. institutions, 37 (23%) came from Europe, 22 (13%) from Australia or New Zealand, 18 (11%) from Canada, 13 (8%) from Central or South America, 7 (4%) from Asia, and 11 from elsewhere.

The average time from initial submission of a manuscript to acceptance was 6 months. Thus, overall we have been able to reduce the review process by one month from the 7 months average reported last year and by three months from the time we assumed responsibility for the journal. This improvement has been made possible through the invaluable cooperation and assistance of our Editorial Board members, and with our continuing emphasis on electronic communication.

The decrease in average time from submission to publication noted in last year's report continues. The lag time from acceptance to publication is now 3.7 months on average, down from 5 months last year. This continues a reduction from an 11-month average lag only a few years ago. Because of a greater submission rate since January 2000, and the high quality of the submitted manuscripts, we now have a backlog of 44 manuscripts that are accepted for publication. Beginning with the November/December 2000 issue, Chicago Press has graciously allowed us to increase the number of papers per issue to retain our short acceptance-to-submission time. Please note that the average time from submission of a manuscript to its appearance in print is only 9.7 months. We are quite proud of having increased the quality of manuscripts while reducing the publication time to less than one year! We hope that authors will consider this fact when selecting a journal for their work.

The number of Invited Perspectives published this year, as last year, was rather small. We would like to remind you that we welcome suggestions for timely, appropriate topics for these Perspectives, and that we rely in part on suggestions from the DCPB membership to identify and recruit authors for IP manuscripts. We note however that, for the coming year, we have offset this trend somewhat by including a symposium contribution; the first in several years.

We urge the membership to continue to direct their manuscripts to us!

THE PBZ WEB PAGE

We invite members to visit our web page (www.journals.uchicago.edu/PBZ/home.html) at the University of Chicago Press, where they will find the tables of contents for forthcoming issues as well as instructions to authors regarding the preparation of manuscripts for submission.

THE EDITORIAL BOARD

Our Editorial Board members remain our primary source of suggestions for reviewers, as well as providing occasional reviews and arbitrating disputes when other reviewers have fundamental disagreements about the merits of a manuscript. We believe that this system provides us with the most highly expert reviews we can obtain, and we extend our sincere thanks to all who participated in 199–2000.

Respectfully submitted:

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December 1, 2000

Message from the Graduate Student/Postdoc Representative

Brian Eads

I would like to begin this column on a personal note with some thoughts about how the SICB has influenced my graduate career before I turn to more philosophical musings about the changing face of biological research. Having been to the past three meetings, I've had a chance to meet a number of graduate students, postdocs, and investigators at various stages in their careers. What I have learned is that the society supports an incredibly diverse group of people with interests from one end of the spectrum to the other, most of whom seem to enjoy and appreciate those other perspectives. It has been a great place to network, to encounter potential collaborators and old friends, and to share ideas, but perhaps the key feature to me has been the student-friendly orientation of the meetings, allowing me opportunities to interact with people that at a larger meeting I probably would not have. Sometimes I wonder how long the "big tent" of the organization can continue to sponsor such a wide range of interests while maintaining cohesion. Perhaps research trends will reinforce, rather than undermine, the principles on which the SICB stands. The twin tendencies I perceive on the part of investigators both to extend the work they have been taught in texts and labs, as well as to change

the direction of research to incorporate new paradigms and technologies, bode well for the continuity of research.

This years' meeting in Chicago was an exciting beginning for the growing number of members seeking to broaden the scope of the society to include areas outside of zoology. Symposia on plant / animal interactions and symbioses helped to highlight the importance of a variety of these diverse interactions to integrative biologists. Together with presentations in more traditional areas, these point the way toward future research goals and sparked lively debate about how changes in our understanding and in the types of tools available will influence which questions have priority. For example, the excitement surrounding the recent release of the human genome, while surely only the opening act in an unfolding drama, is also a cogent reminder that biology has begun to assume economic, social, and cultural importance at a breakneck pace. Deciphering the function of genomes now assumes its status as favored research child. And just as research in the "post-genomic" world of model organisms will continue to receive the lion's share of money and attention, those whose work includes the overlooked, the exotic, and the bizarre will face continuing pressure to justify their work.

This should not, however, lead us into the trap of "me too", in which medical, pharmaceutical, or other applied biosciences set research agendas because, for example, that's where the money is, or that's where the impact ratings are. However, neither should we ignore the importance of politics, by failing to inform our constituents (students, for most of us) why an obscure topic, such as evolution in woolly caterpillars, actually matters. Instead, by using the tools of an increasingly large and wealthy biotechnology infrastructure, biologists now have an unprecedented opportunity to marry two very different traditions in biological investigation. This is an exciting time to be involved in integrative and comparative issues, but it comes with demands that we begin to stretch our ideas of the possible. That is one reason why I am heartened by the decision of the society to widen its scope beyond zoology.

On a closing note, I'd like to share a bit of my recent experience moving from CU Boulder to LSU in Baton Rouge. Having just seen this place at Mardi Gras, what a difference! The weather has been so mild I had forgotten cold, until I went to Chicago. During this transition, I have relied heavily upon the competence of departmental Graduate Coordinators to insure that things went smoothly, and I have not been disappointed. Kudos are deserved by these overworked, underpaid, and frequently under-appreciated members of the staff (Thanks Jill and Prissy!). I now know first hand just how frustrating and difficult a "simple" move can be.

And finally, this will be my last column as student representative for the DCPB; if you are a student or postdoc who would like the opportunity to meet a lot of great folks, use the newsletter to let us know how you feel, or help shape the division, please contact me by email at beads@lsu.edu. I'd love to hear from you.



The 2000 Bartholomew Award recipient, Martin Wikelski

The George A. Bartholomew Award

Martin Wikelski became a bird bander with the German Max–Planck Institute when he was 16 years old. He then participated in several bird migration expeditions to the Mediterranean and Algeria. Through this work, he got to know Walter Arnold (Wildlife Institute, Vienna, Austria) and worked on marmot hibernation, as well as sea lion foraging behavior. Subsequently, Fritz Trillmich (University of Bielefeld, Germany), who had been inspired by George Bartholomew's work on California and Galapagos seals, became Martin's advisor in his diploma work on foraging behavior in Galapagos marine iguanas. This study was completed in 1991 with a degree from the Ludwig–Maximilian University in Munich, Bavaria, Germany. Martin then continued to work with Fritz Trillmich (then at the Max Planck Institute for Behavioral Physiology in Seewiesen, Germany) on the evolution of body size in Galapagos marine iguanas (Ph.D., 1994), and developed a strong interest in environmental physiology. Martin's work on marine iguanas was awarded with the Niko Tinbergen Prize of the German Ethological Society in 1998. Ebo Gwinner's (Max Planck Institute) and Serge Daan's (University Groningen) contacts with Jim Kenagy (University of Washington) encouraged Martin to pursue a post–doctoral fellowship of the German Humboldt Society with John Wingfield in 1995. During this time, Martin collaborated with Dr. Michaela Hau on reproductive seasonality of tropical rainforest birds in work that was supported by a fellowship from the Smithsonian Tropical Research Institute in Panama (Stan Rand). Martin also continued work on marine iguanas, inspired by Ray Huey's work in environmental physiology. Martin then moved to the University of Illinois at Urbana–Champaign in 1998, joining an exciting group of neotropical avian ecologists and environmental physiologists. In 2000, Martin joined the department of Ecology and Evolutionary Biology at Princeton University.

Martin's main interest is the physiology of life history. He now works in two main systems, trying to understand how tropical birds can have different life histories than temperate zone birds, and how marine iguanas shrink in body length during El Ninos. Martin wants to express his deep thanks to George A. Bartholomew for an awe–inspiring lifetime of pioneering research on physiological adaptations of wild animals.

Division of Developmental & Cell Biology (DDCB): 2001 Spring Newsletter

Message from the Chair

Patricia Glas

Dear Colleagues,

The Division of Development and Cell Biology is alive, but not very well. We are in the process of rebuilding the Division but are relying on our members to do so. In the next two years, we plan to sponsor programs at the annual meetings to remind our members the important role that Cell and Development play in almost every other aspect of the Society. As I pondered the posters and attended the various talks, I was amazed at the number of researchers and their students that used embryonic organisms or the most marvelous of cells, the egg, as the model organism. In this sense, development and cell biology are at the center of a large portion of current research. I urge all of our members to keep DDCB as the primary or secondary membership division, and to take part in the DDCB talks and symposia in the next few years. Understanding of the cell and embryo can only lead to a better understanding of the whole organism. Please feel free to contact me if you have suggestions or comments for the upcoming year.

Division of Evolutionary Developmental Biology (DEDB): 2001 Spring Newsletter

In this newsletter:

- [Message from the Chair](#)
 - [Message from the Chair-Elect](#)
 - [Message from the Program Officer](#)
 - [Message from the Student/Postdoc Representative](#)
 - [Message from the Secretary; Candidates for Election](#)
-

Message from the Chair

Rudy Raff

Dear DEDB members:

I wanted to say that the division has started its second year well, with two terrific symposia, "Starting for Fins: Parallelism in the Evolution of Limbs and Genitalia," and "Lesser known protostome taxa; evolution, development and ecology" at the Chicago meeting, and more coming up at in 2002. The DEDB co-sponsored symposia scheduled for the Anaheim meeting are "Eco-devo the interface of ecology and development," "The evolution of metazoan complexity," and "Perspectives on the Cambrian radiation."

It is also clear that evo-devo is thriving as a field, with an exceptional number of positions opening this year. Because of the highly integrative nature of evo-devo, it fits well with the goals of the SICB. I can only urge you all to come to the 2002 meeting, and to take part in the DEDB business meeting (which will be presided over by Chair Günter Wagner), as well to attend the evo-devo symposia. The business meetings are important. Please plan on taking part in running YOUR division.

I'd also like to remind you that the SICB is a sponsor of EVOLUTION DEVELOPMENT. If you are not a subscriber, you are missing the good stuff. The journal is indexed by SciSearch, ISI, Current Contents, and we've just been picked up by Medline.

EVOLUTION DEVELOPMENT is available to SICB members for an individual subscription price that represents a discount of about 25% of costs to non-members -- \$64 for US members. This is a very good bargain. Information about the journal can be found at www.blackwell-synergy.com. To subscribe as an SICB member call 1-888-661-5800. Please have a look at the [News and Announcements](#) section of this Newsletter for more information on the journal and subscriptions.

Message from the Chair Elect

Günter P. Wagner

I was advised to be brief. After all, who wants to read more than three lines from a society officer? Here are my three points:

- Membership: Whatever the division can do for you scales with the size of membership. We currently have about 75 members, which is way below the number of DevoEvo researchers. Please activate your friends and colleagues who are in the field to become members of the division or SICB, if they are not already society members. Tell them that SICB has substantially reduced member fees.
- Division activities: this is your division, please help us serve you better by sharing your ideas. Would you like to see us organize discussions and workshops on topical DevoEvo issues? Please send me your suggestions to gunter.wagner@yale.edu with the keyword DEDB Activities. Thank you!
- Molecular and Developmental Evolution is now available to SICB members at a discount price for personal subscription. This will make MDE the second DevoEvo journal affiliated with SICB. You will receive a communication with the details of this arrangement from the publisher soon.

Message from the Program Officer

Mark Q. Martindale

Greetings evo/devo-tees! Many thanks to those of you who attended the second annual meeting of the Division of Evolutionary Developmental Biology (DEDB) in Chicago. For those of you who missed it, we co-sponsored two symposia, "Starting with Fins: Parallelism in the Evolution of Limbs and Genitalia" organized by Eduardo Rosa-Molinar and Annie Burke and a second, "The "Lesser-known" Protostome Taxa: Evolution, Development and Ecology" organized by Jim Garey. Both symposia were well attended and provided stimulating discussion. Kudos go to all the organizers and all speakers.

As always, there was also a "best student contributed paper" competition. Although there were a number of outstanding talks, the judges this year determined that there was a first place tie between two outstanding presentations. The first was by B.J. Davidson, W. Moody, and B. Swalla entitled, "Tunicate out of body experiences: extra-somatic cell migration and other insights and observations on urochordate metamorphosis" given by B.J. Davidson. The co-winner was, Greg Davis for his paper along with C.A., Jaramillo, and N.H., Patel, entitled, "Pax group III genes and the evolution of insect pair-rule patterning. Congratulations to the winners!

Next year's meeting is in Anaheim, CA. Unfortunately, our proposal to enter a float in the Rose Bowl parade was nixed by the Rose Bowl Committee (apparently, there was some confusion about the meaning of "the first cleavage stage"), but we are still co-sponsoring three symposia focussed on the Cambrian Explosion, the evolution of metazoan complexity, and the interface between ecology and development ("Eco-Devo"). Stay tuned for more details on the next meeting.

It is time to begin planning exciting new symposia for the meeting in Toronto in 2003. Please feel free to contact me if you would like to talk about future possibilities. Remember to tell your students and colleagues about the Society and our new Division. Dues are actually going down AGAIN so this is a good time to join and don't forget to keep sending your papers to Evolution and Development (Blackwell Science), a new journal sponsored by SICB. Aloha!

Message from the Student/Postdoc Representative

Patricia Hernandez

Hello everyone. I hope that all of you enjoyed the last meeting as much as I did. Particularly helpful was the Student/ Postdoctoral Strategies Workshop. I urge all of you to attend such workshops in the future. A very big part of this workshop was discussing life after the Ph.D. Strategies for attaining the right postdoctoral position were discussed. If you would like to access the full NAS report just go to www.nationalacademies.org/postdocs. Also the POSTDOC NETWORK can be reached at nextwave.sciencemag.org/feature/postdocnetwork.shtml.

Kevin Kelley, Chair of the Student/ Postdoctoral Affairs Committee (SPDAC) did a fine job organizing this workshop. He also urged graduate students and postdocs to get more involved in the society. Two questions in particular that he wanted feedback on were:

- Which topic would you like to have covered at next year's workshop held by the SPDAC?
- What kind of "voice" should the SICB and/or SPDAC have on your behalf?

The SPDAC is your link to the society. Thus attending and contributing at meetings of this committee is the only way to assure that your needs within the society are met. Please write Kevin at kmkelley@csulb.edu and let him know what you think.

Another reminder. A very important part of these conferences is going to the business meetings. Next year we will have a division social during the business meeting. We are all tired after a long day of talks but these meetings are not very long and they are very important. Since this society has always catered to students and postdocs you can play a big part in the future of our division by attending.

Message from the Secretary

Ken Halanych

Spring Election of New DEDB Officers

At the SICB meeting in Chicago, nominations were held for two DEDB officer positions that are up for election this year. Eduardo Rosa–Molinar and Terri Williams were nominated for the Program Officer, and Tricia Crotwell, Brad Davidson, and Marcus Davis were nominated for the Student/Postdoc Representative. A short sketch for each of these excellent candidates follows.

Input for the Webpage

To reiterate Gunter's point, this is your division and input is needed. The divisional webpage is currently under revision. If you have specific ideas or comments on how the page could be improved or made more useful, please write me (khalanych@whoi.edu).

Division of Evolutionary Developmental Biology Election

Candidates for DEDB Program Officer

(2 candidates: Eduardo Rosa–Molinar, Terri Williams)

Eduardo Rosa–Molinar

Current Position: Assistant Professor, Department of Biology, University of Puerto Rico–Rio Piedras, San Juan, Puerto Rico

Education: The University of Alabama, Tuscaloosa, Alabama. Natural Sciences; B.S., 1994 University of Nebraska Medical Center, Omaha, Nebraska. Medical Sciences Ph.D., 1997 Creighton University School of Medicine, Omaha, Nebraska. Cellular Molecular Neurobiology, 1997–1999

Professional Experience: August, 1999–present: Assistant Professor, Department of Biology, University of Puerto Rico, Rio Piedras Campus, San Juan, Puerto Rico; July, 1997–July, 1999: Post–Doctoral Research Fellow in Neuroscience, Department of Biomedical Sciences, Creighton University School of Medicine, Omaha, Nebraska; December, 1994–June, 1997 Pre–Doctoral Fellow in Neuroscience, Department of Cell Biology and Anatomy, University of Nebraska Medical Center, Omaha, Nebraska

SICB Activities: Symposium Organizer (2001), Division of Evolutionary Developmental Biology (DEDB)

Other memberships: Society for Developmental Biology, Spanish Society of Developmental Biology, The Linnean Society of London (Fellow), Society for Neuroscience, Society for Behavioral Neuroendocrinology, International Society for Neuroethology, The International Society for Optical Engineering, Microscopy Society of America, Sigma Xi, The Scientific Research Society, American Association of the Advancement of Science

Research Interests: Major evolutionary changes in the patterning and development of the vertebrate axial and appendicular skeleton and nervous system; vertebrate organismal evolution (especially in atherinomorph teleost fishes)

Goals Statement: My primary objective during my tenure as DEDB program officer would be to recruit, work with, and encourage developmental and evolutionary biologists including plant biologists to develop proposals, symposia, and obtain funding to bring together investigators with the intent to begin discussions about "big picture questions" in the field of evolutionary developmental biology (Evo–Devo) as well as the latest most appropriate tools and theories in evolutionary and developmental biology as well as plant biology

Terri Williams

Current Position: Research Scientist, Yale University

Education: B.S. Zoology, 1982, Duke University; Ph.D. Zoology, 1990, University of Washington

Professional Experience: Postdoctoral Fellow, Dept. of Zoology, University of Texas; NSF International Postdoctoral Fellow, Dept. of Anatomy, University of Vienna, Austria; Postdoctoral Fellow, Dept of Biochemistry, Autonoma University, Madrid, Spain; Pew Teacher/ Scholar Postdoctoral Fellow, Dept. of Organismal Biology and Anatomy, University of Chicago and Biology Dept., Macalester College.

SICB activities: 1998 participant in Developmental and Evolutionary Perspectives on Major Transformations in Body Organization symposium; 1993 participant in Evolutionary Morphology of Marine Invertebrates and Juveniles symposium.

Research Interests: Development and evolution of limb morphology in crustaceans; modularity of the arthropod body plan.

Goals Statement: SICB has long provided refuge against the extreme specialization of present-day research by bringing together biologists whose interests are broad. As such it is an ideal venue for the interdisciplinary Division of Evolutionary Developmental Biology. As Program Officer, I would try to further the integrated perspective at the heart of DEDB by trying to showcase the many different areas of expertise that contribute to the emerging field of evolutionary developmental biology.

Candidates for DEDB Student/Postdoc Representative

(3 candidates – Tricia Crotwell, Brad Davidson, Marcus Davis)

Tricia Crotwell

Current Position: Ph.D. student, Department of Biology, University of South Dakota, Advisor: Dr. Paula Mabee.

Education: Ph.D. expected 2003, University of South Dakota; M.S. 1997, Texas AMUniversity; B.S. 1991. Texas AMUniversity at Galveston.

Professional Experience and Other Activities: Nelson Endowment Graduate Research Assistantship (2000–2001); Teaching Assistantship, 1999–2000, University of South Dakota; Biology Instructor (Adjunct), Sam Houston State University, TX, 1998–1999; Biology Instructor (Adjunct), Tomball College, TX, 1998–1999; Quality Control Specialist, American Seafoods, WA, 1997; Marine Fisheries Observer, Northwest Observers, OR, 1996–1997; Teaching/Research Assistant, Texas AMUniversity, 1992–1996.

SICB Activities: Member since 1999; Student volunteer, SICB, Chicago.

Other Memberships: Society of Systematic Biologists.

Research Interests: Origin and evolution of genetic mechanisms underlying joint formation and skeletal segmentation in vertebrates; modularity, development, and evolution of the median fins of fishes; anterior/posterior patterning of the fish skeleton.

Goals Statement: I propose to continue the work begun by P. Hernandez, our Division's first Graduate Student/Post Doc. Representative, by focusing on student recruitment into the Society as a whole, and maintaining communication with our close "sister" divisions, DDCB, DEE, and DSEB, among others. A particular interest of mine is student support. SICB provides very generous student support at a number of levels, and I would work to diversify that support from within our Division. Even small awards, such as book certificates, poster awards, or research stipends, can make an enormous difference in student confidence. Finally, the many Divisions within SICB provide a forum for researchers with very diverse interests to discuss and exchange ideas. I believe that student representation and involvement in such exchanges will strengthen not only the Division of Evolutionary Developmental Biology, but also the Society as a whole.

Brad Davidson

Current Position: Graduate Student, Department of Zoology, University of Washington

Education: 1995 – 2002? Ph.D. Program, University of Washington; 1991 B.A. in Biology, Swarthmore College

Professional Experience and Other Activities: 2000 –2001 NSF PRIME Fellowship (Partnerships for Research in Inquiry–based math, science, and engineering), 1996– 2000 National Research Service Award predoctoral traineeship (NIH), 1998 Company of Biologists Travel Fellowship for research conducted at the Station Biologique, Roscoff, France, 1998, Huckabay Fellowship for Development of Innovative Curriculum, 2000 Instructor: Marine Diversity and Conservation, UW Bothell, 2000 TA: Comparative Invertebrate Embryology Lab, UW Friday Harbor Labs, 1998 Co–Lecturer for "Animal Diversity" course at Univ. of Washington, 1996 –1999 TA, University of Washington, 1991–1992 High School Biology Teacher, Storm King School, Storm King, NY.

SICB Activities: 2001 SICB Meeting, DEDB Best Student Paper Award

Research Interest: For my thesis work, I am exploring urochordate metamorphosis. Urochordates occupy a critical evolutionary position as non–vertebrate chordates. Therefore the study of urochordate metamorphosis may provide insights into the origins of both chordates and vertebrates. I am employing a number of molecular techniques to gain further insight into urochordate metamorphic signaling. I have carried out a series of subtractive hybridizations aimed at probing the expression of genes immediately prior to and after metamorphosis. This has led to the isolation of a number of interesting transcripts which match identified genes such as Notch, Complement Factor B, Cornichon, Coronin and alpha–NAC. These genes have well described roles in cell signaling, the immune response, and transcriptional activity. By characterizing the expression and function of these genes in urochordate metamorphosis we are beginning to gain valuable insight into the role of these genes in urochordates as well as the evolution of developmental pathways within the chordates.

Goals Statement: My goal as graduate student/post–doc representative of the DEDB division would be to maximizing our exploitation of the resources and opportunities available through SICB. I believe that our membership in this division could be more fully utilized to provide a forum for sharing information on research, job opportunities, teaching techniques etc. I would work to tap this resource by establishing means by which members can easily communicate with each other both during the meetings and during the rest of the year. I think it would be particularly valuable to have this type of communication available in the month or two before the annual meeting so that students and post–docs could coordinate gatherings and other informal events in advance. I would also work to gather and implement other ideas from students and post–docs on how to improve our experiences as SICB members.

Marcus Davis

Current Position: Ph. D. student, Department of Organismal Biology and Anatomy, University of Chicago

Education: 1997 early graduate work at the University of Pennsylvania before transferring to the University of Chicago in 2000; 1996 B.S. Biology, Georgia Institute of Technology.

Professional Experience and Other Activities: University of Pennsylvania, Teaching Assistant and Laboratory Instructor (Introductory Biology, Evolutionary Biology, and Vertebrate Comparative Anatomy), 1997–2000, Graduate Admissions Committee, Student Representative. University of Pennsylvania, 1999–2000; Public Lecturer, Fernbank Museum of Natural History, Atlanta. 1995–1997; Regional and University President, Society of Physics Students and Sigma Pi Sigma Honor Society, Georgia Institute of Technology, 1994–1995.

Research Experience: Current thesis research (The evolution of skeletal development in vertebrate paired

appendages), Department of Organismal Biology and Anatomy, University of Chicago; 1996 Research Assistant (Aquatic ecology of coral reef ecosystems), Department of Biology, Georgia Institute of Technology; 1994 Research Assistant (Phase Coupling in Non-linear Electrical Oscillators), Department of Physics, Georgia Institute of Technology; Vertebrate paleontology field work in Pennsylvania (1997–2001), Arctic Greenland (1998), and Nunavut (1999–2000).

Research interests: The evolution of skeletal development in vertebrate paired appendages; sarcopterygian evolution and systematics; archosaur evolution and systematics; developmental mechanisms of skeletogenesis.

Goals Statement: Evo–Devo is an inherently synthetic discipline, bringing together bodies of research, and researchers, that have classically remained independent. More so than in established fields, the direction that Evo–Devo will take is in the hands of future researchers. My primary objective during my tenure as Graduate Student/Postdoc representative would be to foster communication between disciplines AND between students/postdocs, professors, and institutions. Would you like to have a better sense of who is doing what? What are the "big picture" questions in the field? Where are the research opportunities? Together we can build this dialogue.

Division of Ecology & Evolution (DEE): 2001 Spring Newsletter

Message from the DEE Officers *Cathy McFadden, Linda Walters and Brian Helmuth*

With this newsletter, Cathy McFadden takes over the position of Chair of the Division of Ecology and Evolution. On behalf of the entire division, we would like to offer heartfelt thanks and a big round of applause to past-Chair Sally Woodin for her leadership during the past two years. One of the first items of DEE business this year will be to solicit nominations for the positions of Division Secretary (to replace Linda in January 2002) and Division Chair-elect (to replace Cathy as Chair in January 2003). We hope to complete elections for these positions earlier than in previous years so that newly elected officers will have adequate time to make plans to attend the 2002 Anaheim meetings, if possible. Although we amended our division by-laws in 2000 to allow balloting to take place electronically, we have since learned that SICB's Illinois state articles of incorporation still require us to use paper ballots for division elections. Announcements of nominations and electoral logistics will be forthcoming soon.

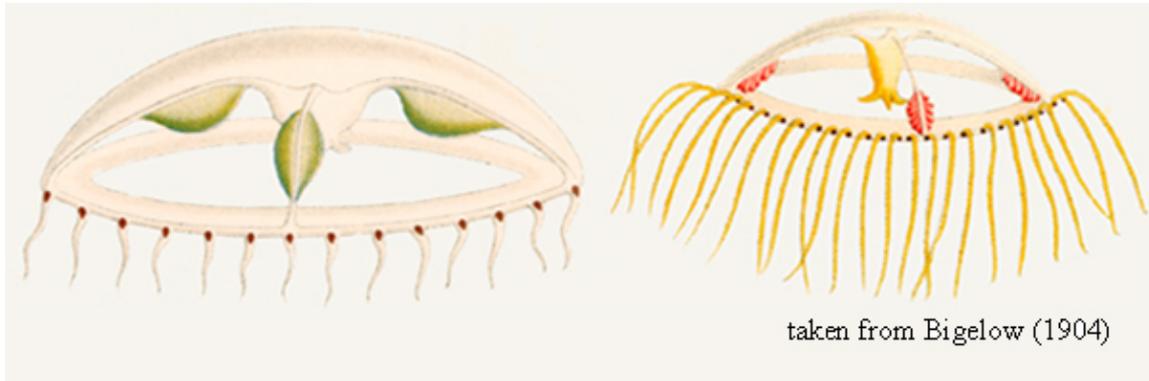
The 2001 Chicago meeting was very well attended and a great deal of fun. Even the weather cooperated, giving us several days of clear skies and "mild" (by mid-West standards!) temperatures. DEE co-sponsored two symposia: "Plant/Animal Physiology" and "Ontogenetic Strategies of Invertebrates in Aquatic Environments". By all reports, these symposia were a great success, and we're looking forward to several symposia sponsored in part or in whole by DEE in Anaheim. DEE is acting as the primary sponsor (with support from DCPB and DIZ) for the symposium "Physiological Ecology of Intertidal Organisms." We are also co-sponsoring three additional symposia: "Ecological Developmental Biology" (with DDCB), "Biogeography" (with DIZ), and "Responding to a Little Nervous System" (with DAB). Several proposals have already been rolling in for the Toronto (2003) meeting, but we're still open to other suggestions. Also, if you have an idea for something a little out of the ordinary, please keep in mind the Program Innovation Fund. This fund was started last year to support proposals that might either bring in new areas of research or researchers to the society, or use unique approaches to enhance the scientific programs within and between divisions. These funds supported last year's DEE-sponsored symposia on "Marine and Terrestrial Plant-Animal Interactions". Proposals for workshops, distinguished speakers, international programming efforts and educational initiatives that might not be reasonable candidates for external support from other agencies will also be considered for funding through the Program Innovation Fund. Please let Brian or Cathy know if you have an idea you think might qualify for funding under this program!

There were many very good student presentations this year competing for the DEE oral and poster presentation awards. It was a difficult decision, but the judges agreed that the two following presentations were the most outstanding. In the oral presentation category, the winner from Oklahoma State University was Linda Ilse for her talk entitled, "Porcupines, pinyon pines and pine engravers: what's the connection?" The outstanding poster presentation award went to Lisa Belden, Oregon State University, for her presentation entitled, "Survival and the physiological stress response in Cascades frog tadpoles exposed to ambient UV-B radiation in the field". Both winners received checks for \$100.00 from DEE. The judges who made this important program possible this year were M.A. Coffroth, W. Jaeckle, J. Welch, K. Reinsel, C. Trowbridge, S. Woodin, B. Helmuth, J. Hranitz, A. Herrel, and L. Walters.

This year has been a good one for the society under the new management of Burk Associates. The continuing financial health of the society has allowed a reduction in dues for full members and post-docs starting in 2002, fulfilling promises made during the financial hardships of the past (dues for student members were reduced last year). SICB webmaster Ruedi Birenheide has set up a very nice web page for the society and each of its divisions. The DEE web page currently has only our most recent newsletter and contact information for division officers. If you have ideas for other things you would like to see included on the divisional website please send them to Cathy. The home page also now includes a searchable membership

directory which we hope will facilitate communication and networking among SICB members.

Division of Invertebrate Zoology (DIZ): 2001 Spring Newsletter



In this newsletter:

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Message from the Chair

Rachel Ann Merz

Greetings All! The Chicago meeting of SICB had the largest number of attendants in recent memory, providing an exciting range of talks, posters and symposia. This year both the poster and paper sessions were organized by topic instead of division. The benefit of this plan is more cohesive sessions with fewer conflicts. The drawback might be a diminished sense of division identity. I say 'might be', because both the DIZ business meeting and social were lively, well attended gatherings showing no sign of a lack of division identity. We hope to continue to foster this enthusiastic participation by making a special effort to include students and post-docs in our DIZ events next year in Anaheim. Sheae Tuberty, our DIZ representative to the Graduate Student/Postdoctoral Affairs Committee, is coordinating activities to both include and serve our graduate student and post-doc members at the Anaheim meeting. Please contact Shea (stuberty@uwf.edu) or any DIZ officer if you have ideas (apart from having food and beer available) about effective ways of doing this.

The news from the Executive Committee meeting is that the Society is doing well financially due to the careful shepherding of society finances by the Executive Committee over the past few years and to the change in management companies that took place in 2000. As a result, not only has the meeting abstract fee been abolished, but there will be further dues reduction this year, fulfilling a promise made by the Executive Committee when the society was struggling a few years ago. The forecast is that the 2002 meeting in Anaheim will actually pay for itself!

The DIZ business meeting included regular reports from Secretary Susie Balser, and Program Officer Larry

McEdward. Please see their sections of this newsletter for updates. We also had a report from Clay Cook thanking folks for their help in judging the Best Student Paper and Poster competition. Clay has accepted some additional professional roles (including being visiting editor for Invertebrate Biology and president-elect of AMS) and therefore asked for a volunteer to run the Best Student Paper/Poster competition next year. It is our good fortune that Sara Lindsay has taken up the challenge and will be organizing the competition at the 2002 meeting. Please read Clay's report below and join me in thanking him for doing such a good job.

The Libbie H. Hyman Scholarship Committee, chaired by Mike LaBarbera, encourages students to apply for funds to support them in their first field station experience. Mike points out that neither the applicant nor the field station need be from or in the United States. For more information, please see the Libby H. Hyman web page, pondside.uchicago.edu/oba/Faculty/LaBarbera/SICB/

The meeting closed with thanks to Susie Balsler for yeoman's service as the DIZ Secretary for the past three years and a hearty welcome to Will Jaeckle for his willingness to take on the duties of Secretary. Both to comply with state law and to increase participation, division elections this year will use paper ballots mailed to all DIZ members. When you get yours, please vote, and we promise to count every one without any appeal to the Supreme Court. As always, if you have questions or suggestions please let me know.

Message from the Secretary

Will Jaeckle

The Secretary binders have been officially passed and this is my first contribution as secretary to the DIZ Newsletter. I would like to first thank the former secretary (Susie Balsler) for proving me with such an organized set of documents that detail the whys and wherefores of the secretary's duties. Her efforts during her tenure have made my life as secretary much easier. Any comments or suggestions from the division's membership are welcomed and please feel free to contact me with any information that you would like to see distributed within the DIZ.

I too wish to extend my thanks to Clay Cook's for his efforts extended to maintain the high standards of DIZ's Student Presentation Awards.

I would also like to remind our members of the existence of SICB's Grants in Aid of Research Program. This year there were relatively few submissions from DIZ and we should encourage our students to seek this source of extramural funding. Despite a low number of submissions, two DIZ proposals were awarded funding! Congratulations to Johathan Cowart (University of Florida) "Palatability and chemical defense of *Pteraster tesselatus* eggs and juveniles" and to Kristin Sherrard (University of Chicago) "Is suspension feeding inherently inefficient in early juveniles?".

Message from the Program Officer

Larry McEdward

This year is off to a great start with a successful and productive meeting in Chicago. I would greatly

appreciate your comments regarding the meeting, especially the symposium topics and the organization of the poster sessions.

However, positive or negative feedback on any aspect of the meeting is valuable. Planning for the upcoming meeting in Anaheim in January 2002 is already underway and now is the time to provide suggestions for changes. We have a great selection of symposia (Cambrian Explosion, Ecological Developmental Biology, Metazoan Complexity, Responding to a Little Nervous System, Physiological Ecology of Intertidal Organisms, Biogeography), a special contributed paper session, and related activities planned that should be of interest to members of DIZ.

Hard though it might be to believe, now is the time to start planning the symposia for the 2003 meeting in Toronto, Ontario. This could be the perfect opportunity to put together that symposium on freezing tolerance in soil invertebrates that you have always wanted to organize. Proposals for the Toronto meeting will be due in the late spring. Contact the SICB Business Office, the society program officer (John Pearse), or me for details. The divisional program officers evaluate and select among the competing proposals, but much more importantly, we assist with the development of the proposals, requests for funding, and incorporation of the symposia into the program. Don't hesitate to bring your ideas to my attention long before you have a formal proposal ready to submit.

Please note that I will be on sabbatical next year and away from the UF campus from early summer 2001 through August 2002. The best way to contact me with feedback from the meeting or symposium ideas is via e-mail at mcedward@zoology.ufl.edu.

Message from the Graduate Student–Postdoctoral Affairs Committee

DIZ Representative: *Shea Tuberty* (stuberty@uwf.edu)

Hello fellow students of science! With the Chicago SICB meeting is behind us, we have an opportunity to evaluate the procedural changes that were implemented this year. Please email to me your comments, either good or bad, concerning the Chicago meeting. Our comments will be organized along with those of other divisions and voiced to appropriate societal officers.

Please remember that undergraduate students, graduate students, and recent postdoctoral fellows (< 1 yr.) can compete for our division's best student paper and poster awards. The DIZ presentation awards are said to be among the best in the society and any of these awards is something you can proudly add to your C.V. As you begin to prepare for the 2002 meeting consider entering these competitions! Brought to my attention this year was a noticeable lack of entries for the Adrian M. Wenner Strong Inference Award. This honor is awarded to a presentation which best satisfies these four requirements: 1) Clearly state an initial hypothesis, 2) Explicitly designate alternative hypothesis(es), 3) Devise crucial experiments with alternative possible outcomes that will exclude one or more of the alternative hypotheses, and 4) execute the experiment cleanly. I urge you to consider these requirements when you prepare your next abstract and enter your work in the competition for the Strong Inference Award! The Libbie H. Hyman Memorial Scholarship is also available to first- and second-year graduate students or advanced undergraduates who are members of DIZ. The awarded monies (\$750) are directed to help support a student's first field-station experience. Information and the application form are available at pondside.uchicago.edu/oba/Faculty/LaBarbera/SICB/ and also can be found along with information on all other Grants in Aid of Research and awards on the SICB homepage.

The new SICB homepage now has membership information that can be searched. This "Bioportal" may allow students to find mentors/professionals who share common interests and with whom you may be able to use as a resource while working toward your degree.

The planning of the GSPAC workshop at the 2002 (Anaheim) meeting has already begun. We will be

working with the SICB Education Council to develop two workshops with the working titles: "Modern Academia" and "Alternative Careers to Academia." The committees hope to attract representatives from all levels of academia and discuss positive and negative aspects that different career choice and levels provide. Representatives from government research agencies, private consulting firms, conservation (green) groups, lobbyists, and industry will also be invited to give students exposure to alternative career paths.

Very soon I will be sending an email message to each student DIZ member in an attempt to get feedback from the Chicago. Good luck in your studies and research!

Libbie H. Hyman Memorial Scholarship

Michael LaBarbera (University of Chicago and chair of the Libbie Hyman Scholarship Committee) reminds us of the effort to expand the Hyman Memorial Scholarship Fund so that two scholarships can be awarded each year, one to an undergraduate and one to a graduate student. A field station experience can help shape a student's career. Contributions, large or small may be sent to:

SICB Business Office, Libbie H. Hyman Memorial Scholarship Fund, 1313 Dolley Madison Blvd., Suite 402, McLean, VA 22101. Checks should be made payable to SICB and marked as a "Contribution to the Libbie H. Hyman Memorial Scholarship Fund." All contributions are tax deductible.

This scholarship, in memory of Libbie H. Hyman, one of America's foremost invertebrate zoologists, provides assistance to students to take courses OR to research on invertebrates at a marine, freshwater or terrestrial field station. The Hyman is intended to help support a first field station experience for a first- or second-year graduate student or an advanced undergraduate student.

Completed applications must include:

- Application form
- A one to two page description of the proposed coursework or research
- Two (2) letters of recommendation from faculty members
- Transcripts of both undergraduate and (if applicable) graduate course work.

Deadline: MARCH 5, 2002

Notification of Awards: APRIL 4, 2002.

Application forms and further information are available on the web at pondside.uchicago.edu/oba/Faculty/LaBarbera/SICB/ or from:

Dr. Michael LaBarbera
Chair, SICB Libbie Hyman Scholarship Committee
Dept. of Organismal Biology Anatomy
The University of Chicago
1027 East 57th St.
Chicago, IL 60637
FAX: 773-834-3028
E-mail: mlabarbe@midway.uchicago.edu

Annual Business Meeting Minutes

Rachel Merz, Chair of the DIZ, opened the annual divisional business meeting on January 4, 2001 in Chicago. The first order of business was the acceptance of the minutes of the 2000 business meeting (Atlanta) as posted in the Spring 2000 newsletter.

Program Officer Larry McEdward invited the membership's opinions about the organization of the poster sessions by topic rather than by divisional affiliation. From this developed a discussion of the awarding of the Best Student Paper Awards and the perceived need to design, within the web-based registration page, a place where the author can designate the division that he/she wishes to have their paper evaluated. Further discussion ensued regarding the maintenance of DIZ award monies to SICB student members who list DIZ as their divisional affiliation. The general opinion was, at this time, there is no formal way to avoid designating an award to a student who is not a member of the DIZ. Further discussion and a vote are required to officially change the divisional by-laws. There was a general agreement, however, that DIZ awards are most appropriate for DIZ members, and barring a specific change in the by-laws awards judges will serve as arbitrators.

Larry also related that the 2002 SICB meeting is shaping up nicely with number of DIZ oriented symposia (Biogeography, Physiology of Intertidal Organisms, Responding with a little nervous system) and a contributed paper session(s) in honor of Russ Zimmer. Larry noted that 1 April was the deadline for symposia submissions for the 2002 (Toronto) meeting. He also solicited comments on the issue of computer-based oral presentations. A number of members expressed their concerns about the high inherent costs of this presentation form (principally due to high rental and projectionist fees).

With respect to Best Student Paper awards there followed a general discussion of the timing of submission and the eligibility of late papers for the division's competitions. It was suggested that acceptance of papers or papers eligible for student awards should only include those submitted by the society's abstract deadline. Although there is a need for official change in the divisional by-laws, there was a general consensus of the attending members that both paper and poster submissions from the same individual were both eligible for divisional awards.

Rachel commented on the society's Biportal program where members may track members with similar interests. She encouraged the DIZ membership to contribute to this new innovation. She also asked the membership if loss of divisional identity was evident to the membership and, if so, what we should do to retain our identity. One proposal put forth was to have a division-specific graduate student/postdoctoral fellow welcoming at the Anaheim meeting. She further asked for opinions regarding the distribution of the Divisional Newsletter should be directed specifically to the membership or posted on the SICB website.

A NSF-funded workshop proposed mechanisms to SICB to increase the diversity and minority involvement in the society. These specific objectives were presented to the DIZ membership and, following a spirited discussion, the membership supported the outcome of the workshop and encouraged SICB participation at the 2002 Anaheim meeting. All interested in the implementation of these proposals by SICB were encouraged to contact Dianna Padilla, Flo Thomas or Sally Woodin. For additional information please refer to the Spring 2000 DIZ Newsletter.

DIZ's representative at the Graduate Student and Postdoctoral Affairs Committee Shea Tuberty reiterated Rachel's comments about the value of the Biportal program and suggested that this program would serve as an avenue for contact between students and faculty who share common research interests but reside at different institutions. Shea also reported on a number of relevant workshops on grant proposal construction and postdoctoral opportunities.

Vicki Pearse (Editor *Invertebrate Biology*) requested that the membership of DIZ join a campaign to increase the subscription of institutions to IB in order to avoid (hopefully avoidable) subscription cost increases.

Michael LaBarbera (Chair of the Libbie Hyman Scholarship) requested that interested student submit for this scholarship in support of work at field stations. Further it was noted that this award is not restricted to US citizens or to US field stations. There remains a need for additional support of the award in hope that two scholarships may be awarded each year, one for a graduate student and one for an undergraduate student.

SICB President Martin Feder introduced to the division the President–elect Marvalee Wake and Brett Burk, the society's liaison to its new management company (Burk and Associates Inc).

Division President Merz ended the meeting by presenting past–secretary Susie Balsler with a bottle of champagne in recognition of her service to the DIZ for the past three years.

Division of Neurobiology (DNB): 2001 Spring Newsletter

In this newsletter:

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Message from the Chair

Don Edwards

Greetings to all of you, and thank you for your vote of confidence in me as your new Chair of the Division of Neurobiology. I will do my best to serve your interests within SICB and to encourage the growth of DNB. Please let me know what you would like to see accomplished in DNB at biodhe@panther.gsu.edu; I will give you my ideas in this letter and in direct communiqués via email.

First, as part of SICB, I think we offer a wonderful opportunity for the large part of the neuroscience community that shares our interest in the ecological and evolutionary contexts in which the nervous systems of animals work. It seems to me that this community is not well served at the annual meeting of the Society for Neuroscience (except at the J.B. Johnston meeting), and is served only every three years at the Neuroethology Congress. Beyond these meetings, there are the regional Nerve Net Meetings which, wonderful as they are, serve small and local communities. I would not want to displace these meetings, but I would argue that a larger and more vigorous DNB presence at the annual SICB meeting would benefit everyone.

To this end, I would like to commend Rich Satterlie for organizing the "Recent Developments in Neurobiology" symposium (see Rich's letter below) at our next meeting in Anaheim. It should prove highly attractive to DNB members and to the larger neurobiology community at this next meeting and in future years. Moreover, its organization, with a lead speaker and her/his student/postdoc, serves our interest and mission of promoting younger scientists. This and the other two symposia (Neural Mechanisms of Orientation and Navigation' and 'Responding to the World with a Little Nervous System: Unique Models for Studying Perception and Behavior'; again, see Rich's letter below) should enable us to attract a good crowd, but it doesn't happen automatically. So please spread the word about these symposia and the opportunities for young people to give a good talk to a friendly and interested audience.

Also to this end, I plan to reach out to the International Society for Neuroethology and to the J.B. Johnston Club to determine how we can profit ourselves and our membership through mutual affiliation. SICB has a tradition of such affiliation (viz. the Crustacean Society) that has proved mutually beneficial, and Martin Feder, SICB (now past) President, encouraged us to pursue discussions. If any of you have close ties to these societies or ideas about how best to approach them, please let me know.

Finally, I would encourage you to submit your work to the society journal. Although its name, American Zoologist, may soon change, your papers will still receive the same warm welcome and close attention that we've come to expect from one of our own, John Edwards.

Message from the Secretary

Robin L. Cooper

At the Chicago meeting we had a good representation of the DNB group. We hope that it will grow even stronger next year for the California meeting. Contact your Californian colleagues to encourage them to present work from their labs at our next meeting, which of course would not be so costly in travel for them.

We had three students to win awards at the Chicago meeting. There was a tie for Best Student Poster Presentation (Tom Pirtle Wayne Korzan) and 1st place on Best Student Slide Presentation went to Mark A. Frye. Each will receive \$100 as their award. Congratulations to these three winners !!

Next year, we hope that more students and postdoctoral fellows will participate our division's competition.

Sometime this summer there will be elections for the position of Secretary and for the Program Officer with our Division. People that are interested in running for these positions should contact me ASAP so that we can arrange to have platform profiles compiled and distributed in the next news letter.

Message from the Program Officer

Rich Satterlie

With the Anaheim meeting next up, we have an active and exciting set of symposia. Our division is sponsoring two: "Neural Mechanisms of Orientation and Navigation", organized by Jim Murray, and "Recent Developments in Neurobiology", organized by the Division officers. Also, we are co-sponsoring entitled, "Responding to the World with a Little Nervous System: Unique Models for Studying Perception and Behavior", organized by Frederick Prete and Peggy Hill. The "Recent Developments" symposium is particularly exciting, since it will allow us to invite five exceptional neurobiologists from the West Coast, with each person present piggy-back talk with a junior member of his/her laboratory. The evening of the symposium will include a Division social. This is a multi-year program that is supported by the Society, and I would like to express our collective thanks to the Society leadership for this support.

Although it is getting close to the absolute deadline, there is still time to forward a symposium proposal for the Toronto meeting. Also, please be thinking of potential speakers from the Toronto area for the "Recent Developments" symposium. Symposium proposals and nominations of speakers for Toronto can be forwarded to me at: rsatterlie@asu.edu We look forward to seeing you in Anaheim. We will soon have our final list of speakers for the "Recent Developments" symposium, which we will publish in the next newsletter. Please tell your colleagues about the meeting, and particularly about our exciting symposia.

Division of Systematic and Evolutionary Biology (DSEB): 2001 Spring Newsletter

In this newsletter:

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 - [Message from the Secretary](#)
 - [Message from the Program Officer](#)
 - [DSEB Candidates for Election](#)
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Message from the Chair

Miriam Zelditch

It is a pleasure to report that our meeting in balmy Chicago was a great success. Our society is in excellent shape, both financially and intellectually. Our division is also in good shape, although attendance at business meetings is sparse. That may be due to calling these meetings "business" meetings, connoting tedious reports, a focus on bureaucratic details, and a rigid adherence to Robert's Rules of Order. In our division at least, that is not the case at all. Now that our scientific sessions are organized topically rather than around divisions, the business meetings are particularly important for maintaining divisional identity. As systematists, we have an obvious intellectual identityour phylogenetic perspective on comparative and integrative biology. This underlies our various divisional activities, especially our sponsorship of symposia and our workshop, Phylogenetics for Dummies. Business meetings are where we can meet to discuss our plans, and also to respond to initiatives from the Executive Committee. Our last meeting raised a number of interesting topics, including the proposed approach to enhancing diversity in SICB and ideas about how to use the available money for innovative programming. Graduate students, in particular, might be put off by the notion of a "business" meeting, but think of these as divisional discussions about issues of importance to our society as a whole.

I am pleased to announce that the DSEB awarded the Best Student Paper award to Jessica Garb, of the University of California at Berkeley, for her paper "Parallel patterns in the Pacific? A comparison of phylogenetic diversification in crab spiders (Araneae: Thomisidae) across three Polynesian archipelagos" (see abstract page 195).

Please notice that we are holding divisional elections and vote!

Message from the Secretary

Valerie Cappola

In Chicago the DSEB business meeting was not well attended, but we did discuss ways to encourage more people to participate in these divisional meeting. One thing I learned from those present was that few people are visiting the SICB website (www.sicb.org). This website has been modified over the last year or so. It has

useful information for all, but students looking for fellowships or jobs will find it very helpful. Just click on "for SCIB members" and choose job and fellowships or any other topic.

It is time for another election. In order to have some overlap between the current officers and those newly elected, we are having the election this year. The candidates are Ken Halanych and Rich Mooi for Chair elect, Marta J. deMaintenon and Donald L. Swiderski for Program Officer elect, and Ingrid M. Kaatz is running unopposed for Secretary. The candidate information is included in this newsletter, but our division needs to vote by mail. When the ballot arrives, please take the time to fill it out and mail it back.

Message from the Program Officer

Anne Maglia

The Chicago meetings proved to be full of activity for DSEB. Along with sponsoring several contributed paper sessions, we also co-sponsored the symposium "The Lesser-Known Protostome Taxa: Evolution, Development and Ecology." Also, as part of our ongoing series of hands-on workshops designed to help non-systematists use systematic tools, we sponsored the well-attended second "Phylogenetics for Dummies" workshop. This year's topic was "Picking a Tree from the Forest," in which participants discussed and evaluated different methods of analyzing data, the use of diverse data sets, and the various methods of showing support for trees. Congratulations to Jessica Garb, winner of the DSEB Best Student Paper Competition for her excellent poster on crab-spider biogeography.

DSEB Candidates for Election

Divisional Chair Elect

Ken Halanych

Current Position: Assistant Scientist, Woods Hole Oceanographic Institution; Adjunct Scientist, Marine Biological Laboratory.

Education: Ph. D. 1994. University of Texas at Austin; B.S.. 1988. Wake Forest University

Professional Experience: Postdoctoral fellow, Rutgers University, (Molecular evolution and systematics of marine invertebrates); Postdoctoral fellow, University of Pretoria, South Africa. (The molecular phylogenetics and evolution of Lagomorphs.)

SICB Activities: 2001 Secretary Division of Evolutionary and Developmental Biology; 2000 Participant of "Hox gene and morphological evolution" symposium; 1998 Co-organizer "Evolutionary relationships of Metazoan Phyla" symposium; 1998 DIZ best student paper committee; 1990 Session co-chair; 1990 Local organization committee for San Antonio meeting.

Other Memberships: Society of Molecular Biology and Evolution, Society of Systematic Biologists, American Association for the Advancement of Science

Research Interests: Evolutionary origins and relationships of major metazoan lineages (including body plan origins and evolution); molecular systematics and phylogenetic theory, invertebrate organismal evolution (especially lophophorates), diversification of hydrothermal vent fauna (especially pogonophorans), lagomorph (rabbits and pikas) phylogenetics.

Statement of Goals: The main goal of my tenure in office would be to promote an awareness of the power and utility of using an accurate phylogenetic framework in comparative biology. Through the use of symposia and workshops, DSEB should strive to educate other scientists and show them that they can obtain more information, and in some cases more accuracy, if additional attention is given to how they choose or reconstruct their tree. I also believe that DSEB should be willing to take a similar role with methods used to decipher intraspecific evolutionary history (e.g., phylogeography, coalescence approaches). This increases awareness of DSEB, combined with an aggressive campaign, should help alleviate some of the small membership problems. Additionally, I think DSEB should take a leadership role in the incorporation of underrepresented groups in the society.

Richard J. Mooi

Current Position: Curator and Chairman of Invertebrate Zoology Geology, California Academy of Sciences; Scientific Co-ordinator of SFBay:2K; and Research Professor, Department of Biology, San Francisco State University.

Education: B.Sc., University of Toronto, 1981; M.Sc., University of Toronto, 1983; Ph.D., University of Toronto, 1987.

Professional Experience: Lecturer, 1986, University of Toronto; Postdoctoral Fellow, 1988–1990, Smithsonian Institution; Assistant Curator, California Academy of Sciences, 1990–1995; Organizer, International Echinoderm Conference, San Francisco, 1996; Associate Curator, 1995–2000; Full Curator, 2000–present; Research Professor, San Francisco State University, 1998–present.

SICB Activities: Participant in and Co-chair for symposium, Phylogenetic Systematics, Biogeography, and Marine Biodiversity, 1995; Participant in symposium, Evolutionary Relationships of Metazoan Phyla: Advances, Problems and Approaches, 1998; Participant in and Co-organizer for symposium, The Evolution of Asteroid Echinoderms: Morphology, Molecules, Development and Paleobiology, 1999.

Other Memberships: California Academy of Sciences (elected fellow), Willi Hennig Society (elected fellow), Society for Sedimentary Geology, Society of Systematic Biology, The Paleontological Society, American Association for the Advancement of Science, American Microscopical Society.

Research Interests: Although a functional morphologist by early training, I rapidly switched to phylogenetic systematics in a search for a robust evolutionary framework for my observations on sea urchin structure. My research strives to document and understand the origin of novel morphologies by integrating data from phylogenetics, embryology, and paleontology with overarching concepts such as heterochrony and heterotopy. The focus of these efforts is the echinoids, which offer a wealth of data that make studies in all of these areas feasible. My earlier research dealt largely with the origins and subsequent diversification of the sand dollars. However, in the past few years I have been developing a large-scale theory of the homologies of echinoderm body wall that can be applied to all members of the phylum. I have also worked on the application of phylogenetic principles to linguistics, and on other aspects of phylogenetic theory.

Statement of Goals: By bringing together biologists representing diverse disciplines under the same tent, the SICB continues to play a central role in raising consciousness surrounding the importance of phylogenetics

and systematics to all aspects of evolutionary biology. This is particularly true for the symposia that the Division of Systematics and Evolutionary Biology has made a central part of the SICB program. These symposia have provided, and continue to provide important venues for established colleagues and students alike. Most significantly, we have not shied away from making sure that students get invited and encouraged to attend these symposia to present the burgeoning research that complements the overview function that the symposia already perform. Support of these endeavors is paramount, and I would work to make our programmatic agenda reinforce the importance of phylogenetic systematics to understanding evolutionary phenomena, thereby bringing this message directly to current and future biologists. In my opinion, the most satisfying events at SICB have been those that integrate whole animal and molecular approaches, synthesizing disparate data through powerful analytical tools that continue to be sharpened. DSEB must continue to regard these events a priority, because there are too few other organizations that are in a position to make them happen.

Divisional Program Officer Elect

Donald L. Swiderski

Current Position: Adjunct Research Investigator, University of Michigan Museum of Zoology

Education: B.S., Geology, Michigan State University, 1981; M.S., Geology (Paleontology), Michigan State University, 1986; Ph.D., Zoology, Michigan State University, 1990.

Professional Experience: Research Assistant, 1991–1995, Thoracic Surgery Research Laboratory, Department of Surgery, University of Michigan Medical Center; Research Associate, 1995–1996, Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, University of Michigan Medical Center; Adjunct Research Investigator, 1996–present, Mammal Division, University of Michigan Museum of Zoology.

SICB Activities: Organizer for DSEB Symposium "Beyond Reconstruction: Using Phylogenies to Test Hypotheses about Vertebrate Evolution", 2000, (cosponsored by DVM and Society of Vertebrate Paleontology), Co-organizer (with A. Maglia) for DSEB workshop "Systematics for Dummies", 2000 and 2001.

Other Memberships: Society of Systematic Biologists, American Society of Mammalogists, Society for the Study of Evolution, Society for the Study of Mammalian Evolution, American Association for the Advancement of Science

Research Interests: My main area of research is the evolution of skeletal morphology in mammals, especially the evolution of shapes of the bones. Phylogenetic studies are an important component of this research, providing information crucial to understanding the history of the morphology, which in turn gives us a more complete understanding of current function. Accordingly, my work also includes studies that explore the limitations of current approaches to phylogenetic analysis. These studies include comparisons of levels of homoplasy in different organ systems of a clade of freshwater snails, and an evaluation the congruence among those systems. Currently, I am engaged in a similar study evaluating cytochrome b sequences and morphology of ground squirrels. I have also participated in a series of studies on the appropriateness of using of various kinds of quantitative morphometric variables to generate hypotheses of character transformation.

Statement of Goals: My goal as DSEB program officer would be to continue efforts to raise the profile of

our division, both within SICB, and among the general biological community. Our division is small in terms of primary membership, and perhaps as a consequence, our contributed sessions generally include few papers. This has been viewed at times as an embarrassment to the division, but small sessions are not indicative of poor quality. As a chair of many past sessions, I can attest to the high quality of most presentations. We have begun to promote the quality of these presentations by starting a student award program, but we need to take other steps as well. . We also must convey to our colleagues (in other divisions and in other societies) the crucial role that systematic analyses must play if "integrative and comparative" studies are to explain evolutionary phenomena. I believe we can most effectively achieve these goals through development of symposia and workshops that address the question: "What can systematics do for you?" The "using phylogenies" symposium, and the associated workshop on character mapping, should be only the beginning. However, these programs will only be successful if the audience for whom they are developed shows up to hear the presentations. Thus, I intend to work with symposium and workshop organizers on the development and publicity of programs that draw participants, sponsorship, and audience from other divisions, and from other societies.

Marta J. deMaintenon

Current position: Assistant Professor, University of Hawaii at Hilo, Marine Science, 1999 – present; Research Associate, Santa Barbara Museum of Natural History, Santa Barbara, CA, Invertebrate Zoology; 1998 to present; Affiliate Graduate Faculty, University of Hawaii at Manoa, Ecology, Evolution and Conservation Biology, 2001 – present.

Education: B.S., Biology (Marine Biology), Millersville University of Pennsylvania, 1987; M.S., Biology Living Resources, Rosenstiel School of Marine and Atmospheric Science, University of Miami, 1990; Ph.D.: Integrative Biology, University of California, Berkeley, 1996.

Professional Experience: American Museum of Natural History, New York, NY Postdoctoral Fellow, Invertebrates, 1998 – 1999; Santa Barbara Museum of Natural History, Santa Barbara, CA, Visiting Postdoctoral Curator, Invertebrate Zoology, 1997 – 1998; University of California, Berkeley, CA, Museum Scientist, Museum of Paleontology, Paleobotany Section, 1997; University of California, Berkeley, CA, Graduate Student Instructor, Department of Integrative Biology, 1991 to 1996 (not continuous); University of California, Berkeley, CA, Graduate Student Researcher, Museum of Paleontology, 1990 to 1996 (not continuous); Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, Graduate Teaching Assistant, Marine Biology Fisheries, 1989 to 1990.

SICB Participation: Member since 1996

Other Memberships: American Malacological Society; American Microscopical Society, Sigma Xi, Society of Systematic Biologists, Willi Hennig Society

Research Interests: My primary research interests include phylogenetic systematics and comparative molluscan anatomy and development. I have two main project areas. The first is focused on reconstructing the phylogenetic relationships of columbellid gastropod molluscs using characters from anatomy and morphology, and evaluating hypotheses regarding their historical ecology. My other projects are focused on documenting patterns of organogenesis in gastropod reproductive systems, with a goal of using these systems as a model to understand the significance of various heterochronic changes in the evolution of molluscan organogenetic patterns.

Statement of Goals: DSEB occupies an interesting position in the SICB divisions, being one of the divisions with which the majority of members are affiliated to some degree, but one that few people list as a primary

affiliation. As such, the programs sponsored by DSEB need to promote not only good systematics, but also serve to show how systematic biology is fundamental to many aspects of comparative biology, and to educate SICB members on systematic methods. My goal as program officer of DSEB will be to promote programs and symposia that will showcase the use of systematic and evolutionary biology in various biological disciplines, and to continue promoting educational functions such as the workshops associated with symposia at the annual meetings.

Divisional Secretary (only one candidate)

Ingrid M. Kaatz

Current Position: Research Associate, Boston University Marine Program, Marine Biological Laboratory, Woods Hole MA.

Education: B.S., with Honors, Ecology, Evolution and Systematics, Cornell University, Ithaca, New York 1985; M.S., Science Education, Cornell University, 1992; Ph.D., Zoology, SUNY College of Environmental Science and Forestry, Syracuse, New York, 1999.

Professional Experience: Teaching Assistant Cornell University Ithaca, NY; Teaching Assistant SUNY–ESF Syracuse, NY; Visiting Instructor SUNY–ESF Biological Field Station Beaver Lake, NY

SICB Participation: Member since 1995; Abstract/Presentation 1999, 1998, 1997, 1995.

Other Memberships: SSE Society for the Study of Evolution since 1992, ABS Animal Behavior Society since 1992, ASIH American Society of Ichthyologists and Herpetologists since 1992, SSB Society of Systematic Biologists, SIGMA XI since 1992

Research Interests: Comparative Biology, Evolution of Animal Communication Systems, Morphology, Bioacoustics

Statement of Goals: As a member of SICB I have presented work related directly to the question of how comparative studies can enhance our understanding of how communication systems evolve. In particular I have addressed the relationships between morphological structure and function and more broadly how signal design diversity may be related to behavioral and ecological diversity. While my personal research focus is on how the morphology and behavior of acoustic communication of fishes evolves I would nurture a dialog across communication modalities with researchers interested in the evolution of communication in general. Signal diversity and design can be seen as an interdisciplinary area of inquiry spanning from sensory perception to morphology of signal producing mechanisms to whole organisms changes in behavior. As the secretary of the Division of Systematics and Evolutionary Biology I would like to encourage more researchers to consider the value of the comparative method. I also would also contribute actively to the development of workshops that help SICB members and guests learn more about how to potentially apply the comparative method to their own research.

Division of Vertebrate Morphology (DVM): 2001 Spring Newsletter

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Message from the Past-Chair

Andy Biewener

As I am about to step on the plane to fly to Australia for an early summer and some fun research, I'd like to thank all DVM members, their guests, and other SICB colleagues who attended our gala dinner at the Field Museum in Chicago. It certainly was a superb experience, and much thanks must go to Mark Westneat for making all of the local arrangements and to Sue Burke and her colleagues at BAI for helping with the dinner's organization. From my point of view, it came off remarkably well. Who could ask for more than being able to chat with friends and dine on good food and drink while under the watchful (glaring?) eye of Tyrannosaurus Sue. All told, we had 250+ people attend the dinner. It ended up costing DVM and SICB a fair bit more than what we had originally planned, but I believe that the subsidy went to a good cause. I have very much appreciated the opportunity to serve DVM over the past two years. You are a great group of people and wonderful scientists to work with. I know that our future is a bright one, and the Field Dinner was a great way to kick off new possibilities for the future. Hopefully, we'll be able to organize similar off-site dinners at future meetings when possible. Best wishes for a productive spring and summer. See you in Anaheim next January!

Message from the Program Officer

Dave Carrier

The society's next Annual Meeting, to be held in Anaheim, promises to be exciting and busy for DVM members. We will be sponsoring or co-sponsoring 3 of the 13 symposia:

1. "Tendon-Bridging the Gap" organized by Adam Summers and Tom Koob.
2. "Biomechanics of Adhesion" organized by Kellar Autumn and Bob Full.
3. "Animal Swimming and Flying" organized Malcolm Gordon, Ian Bartol, and Jay Hove.

In addition to these three, a number of other symposia will be of interest to many members of DVM (e.g., "Cambrian Explosion", DEDB; "Metazoan complexity", DIZ, DEDB, DSEB, AMS; "Physiol.Ecol.Intertidal Orgs.", DEE, DCPB, DIZ; and "Responding to a Little Nervous System", DAB, DNB, DIZ, DCPB, DEE).

During the past year, there has been growing concern among many DVM members that recent programs have included too many symposia. The concern most often raised is that symposia tend to compete with and, thereby, compromise the contributed paper sessions. Following a suggestion made by Jacqueline Webb, we are considering two alternative changes in the structure of the program that should help. One idea is to have the symposia run in the mornings and contributed paper sessions run in the afternoons. Under this plan,

symposia would run for two or three consecutive mornings. This would place the competition for warm bodies among the symposia, rather than between the symposia and contributed paper sessions. For each symposium there could be afternoon contributed paper sessions that were directly related to the topic of the symposium. This format might also help induce some symposia speakers, who are not members of SICB, to spend more than a single day attending the meeting. The second idea is to have a day or a day and half of the meeting devoted entirely to symposia. This would also largely reduce or eliminate competition between symposia and contributed paper sessions. It might have the advantage over the first suggestion of not breaking the momentum of symposia. On the other hand, it might give the whole meeting a disjointed character. I would appreciate any comments you might have on either of these suggestions.

One last bit of news for the Anaheim meeting – Robert Full has agreed to give the opening (plenary) talk at the Anaheim meeting.

Finally, I would like to encourage you to consider organizing a symposium for the Toronto meeting in January 2003. Now is the time to consider submitting a proposal. The official call for symposia proposals for the Toronto meeting will happen soon. Please contact me directly if you are considering a symposium for Toronto (carrier@biology.utah.edu).

Message from the Secretary

Audrone Biknevičius

Minutes of the Business Meeting
Chicago, Illinois, January 4th, 2001

Andy Biewener opened the business meeting with an expression of thanks for the division's support during his tenure as chair of the Division and Vertebrate Morphology and encouragement to the newly-elected chair, Kathleen Smith. Dave Carrier then led a discussion on the issue of contributed papers and symposia and developing strategies for resolving time and interest conflicts (see Dave's report above). John Hermanson expressed a need to better balance poster presentations with contributed papers and symposia. American Zoologist editor John Edwards noted that there is a 2-year backlog for publishing symposia; he may request another venue for publishing some symposia in order to allow faster turnover. Frank Fish recalled that the editorial board formerly had a ranking and selection process for publication of symposia. There was also a discussion on the computer-based presentations at the meeting. While these presentations did tend to experience somewhat greater technical problems than standard slide presentations and they are a costly endeavour for the society, several members expressed strong interest in continuing to support this technology. Marvilee Wake and others suggested a mechanism by which presentation files are submitted on a Zip disc or CD prior to a session for incorporation into a single computer (or two if different platforms must be accommodated). Whereas some members still long for paper copies of the SICB newsletter, most DVM members applaud the web-based newsletters particularly as they are accompanied by e-mail reminders members of their availability. DVM has its own permanent web page within the SICB site that may be used to post announcements to divisional members between the regular spring and fall SICB newsletters (contact me for details).

And, finally, an independent report from Sandy Whidden on the second Midwest Regional DVM meeting that was held this past November at Augustana College (Rock Island, IL): There were 35 participants, 19 talks, and lots of good food and conversation. In addition, Lance Grande gave an opening address on distinguishing types of morphological variation, and Bill Hammer gave a closing presentation on searching

for dinosaurs in the Antarctic. Although there was unanimous agreement that we should continue to hold Midwest regional meetings, no one at the meeting was willing to commit to hosting it for next year. If you are a DVM member at an institution in the Midwest, please consider hosting the meeting next year!