

**SOCIETY FOR INTEGRATIVE AND COMPARATIVE BIOLOGY**  
**Executive Committee Meeting Minutes**  
**3 and 7 January 2011**  
**Salt Lake City Marriott Downtown**  
**Salt Lake City, Utah**

**Executive Committee Members Present, 3 Jan 2011:**

President – Richard Satterlie  
President-Elect – Ken Sebens  
Past President – John Pearse  
Secretary – Lou Burnett  
Program Officer – Brian Tsukimura  
Past Program Officer – Eduardo Rosa-Molinar, not present  
Treasurer – Bob Roer  
Member-at-Large – Jackie Webb  
Member-at-Large – Adam Summers  
Member-at-Large – Sally Leys, not present

Divisional Chairs

DAB – Marilyn Ramenofsky  
DCB – Robert Full  
DCE – Mark Sheridan, not present but represented by Rosemary Knapp  
DCPB – Jim Hicks  
DDCB – Karen Crawford, not present  
DEDB – Mark Martindale  
DEE – Michelle Nishiguchi  
DIZ – Dianna Padilla  
DNB – James Murray  
DSEB – Patrick O'Connor  
DVM – Mark Westneat  
Editor-in-Chief, ICB – Harold Heatwole, not present  
Student Postdoctoral Affairs Committee Chair – Peggy Biga  
Educational Council Chair – Bob Podolsky  
Executive Director (*ex officio*) – Brett Burk

Others present:

Anna Ahn, Secretary, DCPB  
Trish Morse, AAAS Report  
Jake Socha – Chair, Public Affairs Committee  
Sharon Swartz – Chair-Elect, DCB  
Cheryl Wilga – Chair, Committee on Broadening Participation  
John Wingfield, NSF  
Bill Zamer, NSF

1. **Call to Order.** The meeting was called to order at 2:35 p.m. by President Richard Satterlie. President Satterlie welcomed and introduced the members of the Executive Committee and guests.

**Motion to suspend the rules for substitutes for divisional chairs.**

It was moved (Brian Tsukimura) and seconded (Bob Roer) that the rules be suspended to allow substitutes for divisional chairs who could not be present and where divisional bylaws have no provisions for substitution.

*The motion was approved by acclamation.*

2. **Executive Committee Actions.**

- a. **Approval of minutes of the 2010 Executive Committee Meeting.**

The minutes of the 2010 Executive Committee meeting were approved as submitted.

- b. **The following actions of the Executive Committee between the annual meetings were read into the minutes for the record.**

1. **Establish C. Ladd Prosser Fund approved** - March 15, 2010 – vote establishing the C. Ladd Prosser Symposium Fund ([Appendix 2, C. Ladd Prosser Symposium Fund](#)); 16 votes in favor, 0 votes against.
    2. **Four day annual meeting format approved** - March 29, 2010 – vote on four day annual meeting format beginning in Salt Lake City in 2011; 16 votes in favor, 2 votes against.
    3. **2010-2011 Budget for the Committee on Broadening Participation and the Membership Committee approved** – March 29, 2010 – 18 votes in favor, 0 votes against.
    4. **SICB Exhibitor Policy approved** - December 17, 2010 – vote establishing a formal policy governing exhibit space assignments at the annual meeting ([Appendix 2, SICB Exhibitor Policy](#)); 22 votes in favor, 0 votes against.

3. **Officer Reports.**

- a. Program Officer – Brian Tsukimura (**Program Officer Report**)

1. Meeting registration report and program highlights. There are 1082 contributed papers in 83 sessions and 11 complementary sessions. Poster sessions will be on Tuesday, Wednesday, and Thursday afternoon from 3 to 5 p.m. There are 119 symposium presentations in 11 symposia. A total of 452 posters are being presented along with 511 oral presentations. There will be a plenary lecture and three other lectures. A Grand Challenges workshop will also be held as will a number of workshops.

- b. Secretary – Lou Burnett (**Secretary Report**, [Appendix 3.Secy.a](#))

1. The newsletter schedule for 2011 was reviewed.
      - a. Spring 2011
        1. Mar 3 - submission due
        2. Mar 25 - review on-line draft
        3. Apr 5 - corrections due
        4. Apr 11 - newsletter goes on-line
      - b. Fall 2011
        1. Oct 7 - submission due
        2. Oct 26 - review on-line draft
        3. Nov 2 - corrections due
        4. Nov 8 - newsletter goes online

2. Spring elections.
  - a. Elections occur in the spring ([Appendix 3.Secy.b](#) for SICB-wide and divisional elections). The full election schedule is online - Resources > Elections > Election Schedule for SICB and Divisions or <http://www.sicb.org/resources/electionschedule.php3>.
  - b. The Secretary reminded divisional chairs that nominating committees for divisional elections should be appointed in the fall preceding the spring elections.
  - c. A list of candidates running in past elections is online and may be of use to nominating committees - Resources > Elections > Election Candidates for SICB and Divisions or <http://www.sicb.org/resources/electioncandidates.php3>. Revisions and corrections of this list may be submitted to the Secretary.
3. SICB Constitution and Bylaws Revisions last spring.
  - a. The SICB Bylaws were amended to establish uniform procedures for Best Student Presentation Awards (Article XVI. Awards, Sections 1 and 2).
  - b. Divisions were advised to check divisional bylaws for compliance with the SICB bylaw and make appropriate changes using the process outlined in their bylaws.
4. Divisional Best Student Presentation awards.
  - a. The procedures for administering the Best Student Presentation Awards were reviewed. These procedures are appended here ([Appendix 3.Secy.c](#)) and posted on the SICB web site under Resources > Handbook & Administration.
  - b. Divisions were requested to have **divisional secretaries** report the results of Best Student Presentation awards to the SICB Secretary **within 2 weeks** after the annual meeting for posting on the SICB web site and notification of winners.
  - c. The procedures for processing certificates and checks was also reviewed. Chairs were asked to sign a form so that their signatures could be placed on the certificates by headquarters.
5. Divisional Governance Issues
  - a. DDCB and DEDB have been operating under a Memorandum of Understanding since 22 Sep 2003. This MOU has been posted on the SICB web site since that time and is included here as an appendix ([Appendix 3.Secy.d](#)). A summary of the intentions of DDCB can be found in the SICB Spring 2010 newsletter (<http://www.sicb.org/newsletters/nl04-2010/ddcb.pdf> and reprinted as [Appendix 3.Secy.e](#)) in a piece written by Karen Crawford, DDCB Chair. The Secretary reported that DDCB and DEDB will meet jointly at this annual meeting, as they have always done, to decide the fate of DDCB. This serves as a notice to the SICB Executive Committee that such as discussion will take place. The SICB Executive Committee will take actions on recommendations resulting from the

DDCB/DEDB business meeting at the second SICB Executive Committee meeting on January 7.

6. The Secretary passed on the news that he had just received word of the death of long-time SICB member and former Program Officer David Towle.

**c. Treasurer – Bob Roer - Treasurer Report**

1. The Treasurer reported on the financial status of the Society ([Appendix 3.Treas.a, Treasurer Report](#)).
2. An executive summary of investments was reviewed ([Appendix 3.Treas.b, Summary of Investments](#)).
3. The budget 2011-2012 was presented on behalf of the Finance Committee.

**Motion on Divisional Dues – from the Finance Committee – requires no second.**

As a part of the budget presentation a motion was made by the Finance Committee to establish divisional dues. The motion was discussed.

**Motion to postpone.**

Lou Burnett moved (seconded by Dianna Padilla) to postpone action on the motion to establish divisional dues until the second Executive Committee meeting on January 7, 2011.

The purpose of this motion was to give the Finance Committee time to modify the motion based on discussion.

*The motion to postpone passed by acclamation.*

4. It was announced that the annual evaluation of Burk & Associates, Inc. and SICB Executive Officers will take place electronically and will be sent after the annual meeting to all 2010 Executive Committee members, SICB committee chairs, and divisional officers. The survey will close on January 31, 2011.

**4. Special Reports**

- a. Grand Challenges Workshop – Brian Tsukimura reported on the status of the Grand Challenges summarizing the content of the upcoming workshop, which will define the next steps the Society will take.
- b. National Science Foundation – John Wingfield, Division Director, Integrative Organismal Systems, and Bill Zamer, IOS Program Director, addressed the committee encouraging input into the Grand Challenges workshop. NSF is very interesting in hearing what the community has to say.
- c. AAAS – Trish Morse, the AAAS Representative from SICB, discussed the process of making nominations from SICB for AAAS Fellows. She outlined the process for the upcoming year. She encouraged members of the Executive Committee to make nominations of SICB members.

**5. Committee Reports.**

**a. Journal, *Integrative and Comparative Biology***

1. Editor Report – Hal Heatwole. This report was postponed until the second Executive Committee meeting ([Appendix 5.ICB Editor Report](#)).

**b. Standing Committee Reports (order as listed in the SICB Bylaws) (all reports are in [Appendix 5](#))**

1. Advisory – Pearse; no report
2. Educational Council – Podolsky

3. Membership – Halanych; no report
4. Nominating – Fish; no report
5. Editorial Board, ICB – Heatwole (included in Journal Report)
6. Student/Postdoctoral Affairs – Biga
7. Student Support – Patek
8. Finance Committee – Roer (included in Treasurer Report)
9. Public Affairs – Socha
10. Program – Tsukimura (included in Program Officer Report)
11. Development – Daniel; no report
12. Broadening Participation - Wilga

**6. Divisional Reports.** The divisional reports are found in [Appendix 6](#).

1. Animal Behavior
2. Comparative Biomechanics – no report
3. Comparative Endocrinology
4. Comparative Physiology & Biochemistry
5. Developmental & Cell Biology – no report
6. Evolutionary Developmental Biology – no report
7. Ecology & Evolution
8. Invertebrate Zoology
9. Neurobiology
10. Systematic & Evolutionary Biology – no report
11. Vertebrate Morphology

**7. New Business**

**a. Motion from the SICB Executive Officers – requires no second.**

Reappoint the ICB Editor, Hal Heatwole for another term. Motion by the Executive Officers.

*After brief discussion, Hal Heatwole's reappointed for another term (2011-2016) as ICB Editor was approved unanimously.*

**b. Two new Associate Editors of ICB have been nominated by the Editor and require approval by the Executive Committee.**

*Vinod Kumar and Conrad Matthee were appointed to four year terms (2011-2015) as Associate Editors of ICB.*

**c. Adam Summers brought forth two ideas for consideration at the second Executive Committee meeting on January 7, 2011.**

1. Consider having more than one format for oral presentations, e.g., have some 5 minute talks.
2. Consider podcasting all of the events that we have.

**ADJOURNMENT OF FIRST MEETING AT 5:30 P.M.**

**Executive Committee Members Present, 7 Jan 2011, 7 a.m.:**

President – Richard Satterlie

President-Elect – Ken Sebens

Past President – John Pearse

Secretary – Lou Burnett

Program Officer – Brian Tsukimura

Past Program Officer – Eduardo Rosa-Molinar, not present

Treasurer – Bob Roer

Member-at-Large – Jackie Webb

Member-at-Large – Adam Summers, not present

Member-at-Large – Sally Leys, not present

Divisional Chairs

DAB – Marilyn Ramenofsky, not present

DCB – Robert Full

DCE – Mark Sheridan, not present but represented by Rosemary Knapp

DCPB – Jim Hicks, not present but represented by Don Mykles

DDCB – Karen Crawford, not present but represented by Scott Gilbert

DEDB – Mark Martindale

DEE – Michelle Nishiguchi

DIZ – Dianna Padilla

DNB – James Murray

DSEB – Patrick O'Connor, not present

DVM – Mark Westneat, not present by represented by Kiisa Nishikawa

Editor-in-Chief, ICB – Harold Heatwole

Student Postdoctoral Affairs Committee Chair – Peggy Biga

Educational Council Chair – Bob Podolsky

Executive Director (*ex officio*) – Brett Burk

Others present:

Jake Socha – Chair, Public Affairs Committee

Ian Sherman – Oxford University Press

Billie Swalla – incoming President-Elect

Sharon Swartz – Chair-Elect, DCB

Cheryl Wilga – Chair, Committee on Broadening Participation

Art Woods – Chair-Elect, DEE

President Satterlie called the meeting to order at 7 a.m.

## 8. ICB Reports

- a. **Journal Report – Hal Heatwole** (Appendix 5, ICB Editor Report)
- b. **Publisher Report – Ian Sherman**, Oxford University Press – A detailed report was provided to the Executive Committee prior to the meeting. The journal is producing roughly the same income as last year. There was brief discussion of Impact Factors and PubMed. We should learn about the status of PubMed in March.

9. **Status of the Division of Developmental and Cell Biology.** Mark Martindale, chair of the Division of Evolutionary Developmental Biology (DEDB), reported on the discussion of the status of the Division of Developmental and Cell Biology (DDCB) as discussed by members attending the joint business meeting of DDCB and DEDB.

**Motion on the disposition of the Division of Developmental and Cell Biology.**

Martindale moved (Gilbert seconded) that the Division of Developmental and Cell Biology be merged with the Division of Evolutionary Developmental Biology and be called the Division of Evolutionary *Developmental* Biology.

*The motion passed by acclamation.*

10. **Motion on Divisional Dues.**

The motion was reopened for discussion. The original motion was revised by the Finance Committee since the first meeting and is included in [Appendix 3.Treas.c](#).

*The motion passed by acclamation.*

11. **Budget Approval.** Bob Roer presented details of the 2011-2012 budget, including projections for the expenditures of the endowment funds.

**Motion to approve the 2011-2012 SICB Budget – Finance Committee requires no second.**

*The budget was approved by acclamation.*

12. **Motion on 5 minute oral presentations.**

Webb moved (Sebens seconded) that the Program Committee be charged with establishing as a trial, five minute rapid talks at the annual meeting.

*The motion passed by acclamation.*

13. **Podcast issue.** There was discussion on podcasting various sessions of the meeting. The Public Affairs Committee plans to look into the issue of podcasting and perhaps videocasting events from the annual meeting. iTunes U is something that should be looked into.

## 14. New Business

- a. Dianna Padilla asked that consideration be given for having annual meetings occur over a weekend instead of having the meeting on fixed dates. There was support for this idea, but the fact that the meetings have occurred on fixed dates in recent history is merely a result what has been negotiated with hotels. Brett Burk stated that we can add to our list of requirements a weekend stay.
- b. Bob Podolsky brought forward three issues from the Educational Council:
  1. Feedback was requested on the undergraduate poster displays in the registration area on the first day of the meeting. The general opinion of the Executive Committee was that this was a good idea and should be tried again at the next meeting.
  2. The Ed Council will propose a workshop for the Charleston meeting in teaching and learning in some area of biology to share ideas about teaching

and learning. The recent SICB survey indicated very high interest from the membership for this kind of workshop.

3. Is there the possibility of members presenting a research-oriented talk and a separate teaching-oriented talk? There is no known policy that prevents this.
- c. The Advisory Committee of SICB is constructing a letter to educate legislators about the value of basic sciences. Suggestions were to involve the AIBS Public Affairs Committee, contacting the Ecological Society of America for ideas and assistance, and requesting a congressional briefing.

**16. Recognition of Officers**

- a. Hal Heatwole was recognized for his term as Editor of ICB and was presented with a plaque.
- b. Outgoing President Richard Satterlie was recognized for his leadership and contributions to the Society with a round of applause and a gift.

**17. Adjournment.** The meeting adjourned at 9 a.m.



## **Appendix 2, C. Ladd Prosser Symposium Fund**

### **C. Ladd Prosser Symposium Fund**

#### **Name**

The fund shall be known as the “C. Ladd Prosser Symposium Fund” (hereafter referred to as the “fund”).

#### **Purpose**

The purpose of the fund will be to honor Professor Prosser’s outstanding scientific contributions to the field of comparative physiology and to recognize his service to the society.

The fund shall be used to provide partial support for a divisional or society-wide symposium at the annual SICB meeting, the topic of which falls within the purview of comparative animal physiology and is consonant with Professor Prosser’s scientific opus.

#### **Management**

The fund is established as a restricted endowment fund and will be managed under applicable SICB bylaws and policies. Proceeds from the fund will be disbursed to support activities at set forth below.

#### **Symposium Selection**

Program officers from any division may submit a request to the SICB Program Officer to have an upcoming symposium be designated as a “C. Ladd Prosser Symposium.” All such requests in a given fiscal year will be reviewed by the Finance Committee to determine which, if any, meet the award criteria and receive support. If there is not a symposium deemed appropriate in a given year, no award shall be made and the disburseable proceeds from the fund will be reinvested in the endowment.

#### **Activities to be Supported by the Fund**

The Program Officer may authorize reimbursement of appropriate expenses incurred by the organizers for symposium speakers attending the meeting, including the cost of transportation, lodging, registration, and meals.

**(approved March 15, 2010)**

## **Appendix 2, SICB Exhibitor Policy**

### **SICB Exhibitor Policy**

#### **Exhibit Space Assignment**

The sequence for exhibit space assignments shall be determined by seniority, based on the number of seniority points exhibitors have earned. Exhibitors with the highest number of points are allowed to choose their booths first, followed by those with the next highest points, and so on. Sponsorship commitments (see Seniority Policy 2.d.) received by December 15 preceding the annual meeting that include exhibit space are awarded extra points based on level of sponsorship.

Assignments of exhibitor spaces will begin on the second full day of the current annual meeting at 10 a.m. Only those applicants whose completed Exhibit Space & Sponsorship Application/Contract and full payment is turned in to the SICB registration desk by 5 p.m. on preceding day will be assigned exhibitor space at this time. Late applicants will be assigned from the remaining spaces, provided the payment requirement has been met and exhibit space still remains.

All payments must be in US dollars and may be made by company check, money order, VISA, MasterCard or American Express.

For all exhibit space assignments SICB will assign space using the exhibitor's exhibit space application as a guideline. To avoid ambiguity or discontent, SICB has adopted a firm and disciplined seniority policy without exceptions or variations to best serve the interest of all exhibitors.

Exhibit space assignment for the next annual meeting will take place according to the following levels of seniority:

Level 1 – second full day of the current annual meeting 10 a.m. to noon

Level 2 – second full day of the current annual meeting noon to 2 p.m.

Level 3 – second full day of the current annual meeting 2 p.m. to 4 p.m.

Level 4 – third full day of the current annual meeting 10 a.m. to noon

All other assignments will take place after Noon on the third full day of the current annual meeting.

The point values of these seniority levels will be established annually by the SICB Executive Officers during their fall meeting.

#### **Seniority Policy**

##### **1. Glossary of Terms**

- a. Seniority Points – Points earned by exhibitors for participation in SICB Exhibits, SICB membership, advertisements in Final Program, sponsorship of annual SICB events, and staying in the annual SICB Annual Meeting headquarters hotel, and used for the determination of the exhibit space assignment sequence. Seniority points cannot be sold, bartered or transferred except as permitted herein. Start year of seniority points is ten years before the current annual meeting.
- b. Exhibitor – Any company that pays the full exhibit space price, exhibits in a SICB Annual Meeting and whose name appears on the Exhibit Space & Sponsorship Application/Contract as the contracted exhibitor.
- c. New Exhibitor – A company that has never exhibited in the SICB Annual Meeting and has no previous seniority points.

## 2. Earning Seniority Points

- a. Exhibitors receive 10 seniority points for each paid 10' x 10' exhibit space unit occupied during each year they participate in the Annual Meeting, with no maximum of points earned. No points are accrued for meetings prior to ten years before the current annual meeting.
- b. Exhibitors receive seniority points for advertising in the Final Program and as follows:  
Ad Description/Point Value  
Full Page Cover Ad = 3  
Full Page Inside Ad = 2  
½ Page Ad = 1
- c. Exhibitors receive seniority points for advertising (frequency of ads increases the points) in the SICB Journal, *Integrative and Comparative Biology*, as follows:  
Ad Description/Point Value  
Full Page Color Ad = 4  
Full Page B/W Ad = 3  
½ Page Color Ad = 3  
½ Page B/W Ad = 2  
¼ Page Color Ad = 2  
¼ Page B/W Ad = 1
- d. Exhibitors receive seniority points for sponsorship of SICB functions and activities and/or for donations as follows:
  - i. Platinum = 7 points (\$5,000)
  - ii. Gold = 3 points (\$3,000)
  - iii. Silver = 2 points (\$1,000)
  - iv. Bronze = 1 point (\$500)The sum of all such sponsorships and donations shall count towards seniority points.
- e. Exhibitors staying in the SICB headquarters hotel receive 1 seniority point.
- f. No points are earned if an exhibitor pays all or part of the exhibit space rental price, but fails to exhibit.
- g. If a vendor does not exhibit during any particular year, points earned from previous years of participation are carried forward. No points are earned for non-exhibit years.
- h. Companies, not individuals, earn points.

## 3. Losing Seniority Points

- a. Companies that dissolve forfeit all earned seniority points.
- b. Gross violations of exhibit rules as determined by SICB management may subject an exhibitor to partial or total loss of seniority points.
- c. Forfeited seniority points cannot be restored.

## 4. Transferring Seniority Points

- a. Exhibitor sold to a non-exhibiting company: The points of the acquired exhibitor transfer to the acquiring company.
- b. Exhibitor sold to another exhibitor, the two companies combining into one: The surviving company retains the higher of the two seniority point amounts, but not a combination of the two. SICB reserves the right to request documentation of the sale.
- c. Exhibitor sold to another exhibitor, the two companies continuing to exhibit independently of each other: Each retains its separate seniority, if at any future time the two companies are combined into one, the surviving company retains the higher of the two seniority point amounts, but not a combination of the two.

- d. Sale of a product, product line, company name or division does not constitute a sale if the selling company continues to operate within the biology industry. In this case, no points are transferred. If the sale of the product, product line or name causes the selling company to discontinue operations within the biology industry, the surviving company retains the higher of the two seniority point amounts as stated above in 4b.
- e. Dissolution of partnerships: The party that retains the company name under which the company exhibited retains the seniority points. No transfer of seniority points is possible even if by mutual agreement of the partners.
- f. Corporate name change: Seniority points can be transferred if a corporate resolution is presented, indicating that the name of the exhibitor has changed.
- g. An exhibitor cannot increase seniority points by any purchase, acquisition or merger, except as provided for herein.
- h. An exhibitor may not donate points to another exhibitor except as provided by the specific cases noted above.

## **5. Other Circumstances**

- a. A company may have separate exhibits for different product divisions or company alliances that are clearly operated independently. An exhibitor splitting its participation into two or more divisions has the option of splitting the points evenly between the divisions, or retaining all points with the parent organizations. The new division will receive its own points as they are accumulated. The option to split points must be exercised prior to the first exhibit space assignment in which the divisions participate, and the allocation may not be changed thereafter.

**(approved 17 Dec 2010)**

## **Appendix 3.Secy.a, Secretary Report**

### **Lou Burnett, Secretary**

The items reported here are ones in which the secretary had significant involvement.

The overall organization of the society continued to improve in 2010. We have established new email accounts for the Executive Officers that will improve efficiency, access by members, and continuity when officers come and go. We will work to improve the calendar feature of the web site, giving timely reminders to Executive Committee members, committee chairs, and divisional officers of important deadlines.

[ExecDir@sicb.org](mailto:ExecDir@sicb.org)

[Secretary@sicb.org](mailto:Secretary@sicb.org)

[President@sicb.org](mailto:President@sicb.org)

[President.Elect@sicb.org](mailto:President.Elect@sicb.org)

[President.Past@sicb.org](mailto:President.Past@sicb.org)

[ProgramOfficer@sicb.org](mailto:ProgramOfficer@sicb.org)

[Treasurer@sicb.org](mailto:Treasurer@sicb.org)

[Editor@sicb.org](mailto:Editor@sicb.org)

Like all societies, the turnover of officers and the training of new officers is an ongoing challenge. SICB has developed some “manuals” for some officers, but they are in bad need of updating. The Secretary will be working with Society-wide and Divisional officers over the next few years to update these manuals. Some of them already appear on the SICB web site under Resources > Handbook & Administration (<http://sicb.org/resources/handbook.php3>).

The newsletter schedule is published on the agenda. Please put these dates on your calendars. The deadlines are serious. Spring is time for Society-wide and divisional elections. Please make sure your nominating committees have a complete slate of officers and at least two candidates for each position. Divisional secretaries will work with the chairs to provide complete candidate biographies with photos.

Kudos to the following divisions for Fall 2010 newsletters that are especially rich with information and photographs: DCB, DCE, DCPB, and DIZ.

We have continued to use SICB Member Updates to provide members with monthly information on the activities of the society. We have also established a better “News and Announcements” feature on the SICB home page. The Secretary is able to add and edit these. These items are normally repeated in the Member Updates and SICB members have been good at reporting newsworthy events.

The executive officers of the society had significant interaction with each other throughout the year with a total of 39 conference calls and a September planning meeting in Salt Lake City.

### Appendix 3.Secy.b, SICB Election Schedule for Spring 2011

#### SICB-Wide Elections in 2011

Treasurer-Elect
Educational Council Chair
Member-At-Large

#### Divisional Elections in 2011

Division of Animal Behavior	Secretary
Division of Comparative Biomechanics	Secretary Program Officer
Division of Comparative Endocrinology	Chair-Elect Secretary-Elect
Division of Comparative Biochemistry & Physiology	Secretary
Division of Developmental & Cell Biology	to be decided
Division of Evolutionary Developmental Biology	Program Officer-Elect Secretary-Elect
Division of Ecology & Evolution	Program Officer
Division of Invertebrate Zoology	Chair-Elect
Division of Neurobiology	Chair Program Officer Secretary
Division of Systematics & Evolutionary Biology	Chair-Elect Secretary-Elect
Division of Vertebrate Morphology	Chair-Elect

### Appendix 3.Secy.c, Administrative Procedures on Divisional Best Student Presentation Awards at the Annual Meeting

These procedures outline the responsibilities of divisional representatives, the SICB business office, and the SICB Secretary in publishing the names of the student award winners and in presenting the students with their awards.

1. Divisional procedures and awards committee appointment. Divisions should review their procedures and the Chair should appoint an awards committee no later than the summer prior to the annual meeting. This is a part of the SICB calendar.
2. Awards associated with prizes with budgetary implications. The review of the procedures must include provisions in the divisional budgets for cash awards, memberships, or other prizes that the division will award to student award winners. Wiley-Blackwell has generously underwritten the Best Student Presentations such that each division is allocated \$300 for the student awards (\$150 for best oral presentation and \$150 for best poster presentation). Wiley-Blackwell also provides student winners with a free one year subscription to an appropriate one of their journals. The following journals are associated with the divisions. These journals can be changed by request of the division.

Division of Animal Behavior	Ethology
Division of Comparative Biomechanics	J. of Zoology
Division of Comparative Endocrinology	J. Exp. Zoology A
Division of Comparative Physiol. & Biochem.	J. Exp. Zoology A
Division of Developmental & Cell Biology	J. Exp. Zoology B
Division of Evolutionary Developmental Biol.	J. Exp. Zoology B
Division of Ecology & Evolution	Ecology Letters
Division of Invertebrate Zoology	Invertebrate Zoology
Division of Neurobiology	Developmental Neurobiology
Division of Systematic & Evolutionary Biol.	Evolution
Division of Vertebrate Morphology	J. Morphology
3. Certificates. SICB headquarters will make available certificates for each division to present to the student award winners. A sample of the certificates will be provided to the Chairs of each division before or during the annual meeting. At this time, Chairs should order special wording. Certificates will be printed by the business office once student award winners are known.
4. Reporting winners to SICB. Divisions handle the mechanisms of judging in different ways. However, the winners of the competitions should be announced on the SICB web site as soon as possible after the annual meeting. **To this end, it is the responsibility of the divisional Secretary to report the winners to the SICB Secretary within two weeks after the annual meeting.**
5. Notifying students of their award. It is the responsibility of the divisional Chair to notify the students of the status of their awards. The Chair should announce the winners to all students in the division who entered the contest. This can be done simply by an email congratulating the student winners. In this communication, each Chair can indicate that the winners will receive a certificate, a check and a subscription to one of the Wiley journals.

6. Certificates (and checks) will be sent to award winners by the SICB business office. Once the student winners are known, the certificates will be completed for each division by SICB headquarters and mailed along with the check to the award winner.



### **Appendix 3. Secy.d, MOU between DDCB and DEDB**

Memorandum of Understanding

Between the

Division of Developmental and Cell Biology (DDCB)  
and the  
Division of Evolutionary Developmental Biology (DEDB)  
of the  
Society of Integrative and Comparative Biology (SICB)

Regarding: association of DDCB and DEDB

Date: Monday, September 22, 2003

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With this memorandum the Division of Developmental and Cell Biology, hereafter called DDCB, and the Division of Evolutionary Developmental Biology, hereafter called DEDB, of the Society of Integrative and Comparative Biology, hereafter called SICB, confirm their decision to form an Association to perform the business and scientific program functions of a Division of SICB as detailed below.

[rationale: the problem to be solved is the lack of participation in DDCB and thus the idea is to consolidate the functions of the Divisions as much as possible.]

The Association shall continue as long as it is perceived by the membership in the interest of the participating parties, DDCB, DEDB and SICB. The Association may be dissolved unilaterally by a vote of one of the participating Divisions. The vote has to be a simple majority of those members of the Division participating in the vote.

[rationale: this makes sure that neither Division can be held hostage by this agreement.]

The Association shall be represented to SICB by the Chair of DEDB and a co-chair who is a primary or secondary member of DDCB. Other officer positions may be filled by members of either DEDB or DDCB. The chair of DEDB will be elected by the membership of DEDB and the co-chair by the membership of DDCB. All the other officers will be elected by the combined membership of DEDB and DDCB.

[rationale: to allow DDCB its continuing identity at least one officer has to be present to represent the interests of DDCB.]

For the duration of the Association the committee structure and business rules shall be those as explicated in the bylaws of DEDB.

[rationale: I am in the process of proposing changes to the DEDB bylaws so that the business rules become more effective and less baroque. The association of the Divisions

shall not undermine the efficiency of the administrative rules. Democratic control will be guaranteed by a) the existence of a DDCB co-chair, b) the fact that the officers of the Association are elected by both divisions, and c) the ability of either Division to dissolve the association.]

The Association will be represented in the Program Committee by a Program Officer and Program Officer Elect elected by the combined membership of DDBC and DEEB. The program officer will be charged with also representing the interests of both Divisions, DDCB as well as DEEB, in the formulation of the scientific program.

[rationale: an independent program officer will not solve the problem of lack of leadership in DDCB, but we have to make the DEEB program officer responsible for the interests of DDCB.]

The Association will strive to nominate two representatives for the editorial board of the Journal of SICB representing the two Divisions. At most one of them can be a primary member of DDCB or DEEB.

[rationale: again this is to minimize the pressure to find active participants from DDCB and allows for flexibility, but at the same time ensure that DDCB will not be dominated by DEEB against their interests.]

The Association will request funding from SICB sufficient to support the Student Best Paper Awards of both Divisions, as well as independently sponsored symposia.

[rationale: the ultimate goal is to re-grow DDCB to full fighting strength and this is only possible with their own scientific program.]

This memorandum of understanding shall be made available to the membership of SICB for comment at the SICB website, the newsletter, and division e-mail, and will become effective after affirmative votes in each division of a simple majority of the members by electronic ballot or printable ballot four weeks after posting.

### **Appendix 3.Secy.e, Reprint of DDCB Newsletter Message from the Chair**

*Reprinted from the SICB Spring 2010 Newsletter*

*Karen Crawford, Chair, DDCB*

Greetings and best wishes to everyone within our member-ship,

I have little to add to Jenn Dearolf's wonderful review (below) of our efforts and contributions to the annual SICB meeting this past January in Seattle. I echo her thanks and congratulations to everyone who helped make this an especially exciting and fulfilling meeting. Great Job All!

Maryland enjoyed a winter equal to none in recent memory – a real winter! These storms were challenging, beautiful and an important reminder of how insignificant our “schedules” can become. I was sorry to miss this year's meeting, an important one for our Division, but was much needed at home to attend to my son Sean (16) as he underwent spinal surgery (during the second snow storm) to remove a tumor about the size of a large shooter marble (1.8 cm<sup>3</sup>) from his 4<sup>th</sup> lumbar vertebra. The many snow days my children received because of the relentless snowstorms created a wonderful period of recuperation without guilt for Sean. Thank you to everyone who sent their messages of concern, support and hope. As I write this, Sean at 6'1” seems totally himself again despite the gaping hole and missing articular facets on one side of his spine; marvelous things teenagers. Pathology looks good, future looks good, so, it must be all good!

With this major bump in the road behind me, it is time to focus on our division. For the past seven years, the DDCB has not had a separate identity, meeting instead with the Division of Evolutionary Developmental Biology. Moreover, despite a year and a half of beating the bushes, flooding email boxes, twisting arms personally, and seeking the wisdom of many senior and not so senior leaders within our society, nobody has volunteered to be an officer for the next few years. It seems quite clear, then, that our membership is:

1. quite understandably busy,
2. spread too thin over too many responsibilities, and
3. most likely committed to other divisions within SICB.

Without this commitment, the Division of Developmental and Cell Biology is no longer going to be an active division of the Society for Integrative and Comparative Biology. As of now, it is set for “apoptosis” at the next meeting of the SICB, January 2011.

I believe I speak for all of us, Scott F. Gilbert (Swarthmore College) Program Officer; Jennifer Dearolf (Hendrix College) Secretary; Michelangelo von Dassow (University of Pittsburgh) Student/Postdoctoral Affairs Committee representative; and finally Richard Elinson (Duquesne University), *ICB* Editorial Board representative; when I say it has been our honor and pleasure to serve this division for the past 3+ years and to be your voice at the SICB Executive Committee meetings and other gatherings at our annual meeting.

It is our hope that you all find homes within the other divisions of the society and that your participation in these groups strengthens all that they are able to accomplish.

## **Appendix 3.Treas.a - Treasurer Report**

### **Bob Roer, Treasurer**

#### **On the road to recovery**

In 2002, SICB invested a total of \$779,498 with a professional financial management group under the guidance of Matthew Tederick. On 31 December 2007, the account was worth \$1,160,976. The stock market crash took its toll, and by 31 December 2008 the portfolio had decreased nearly \$300,000 to end the year at \$836,475. The stock market recovery has resulted in a substantial gain in the value of our endowment and, as of 15 December 2010, it was valued at \$1,025,210. Mr. Tederick has advised us to assume a conservative posture on our investments based upon his concern about potential sovereign and municipal defaults. The finance committee voted to accept this advice and we currently hold just over half of our assets in cash and bonds.

#### **The society is in sound financial condition**

The net assets of SICB, as of 30 June 2010, amounted to \$1,531,053. This is a marked improvement compared to 30 June 2009 when net assets totaled \$1,304,782. In addition to the unrealized capital gain, this improvement in our net assets is due to the responsible stewardship of the Society's accounts by the Finance Committee and the efforts of BAI to control the costs of our annual meeting. The result was that the Society ended the fiscal year \$103,504 in the black; and that is before the addition of \$68,478 in unrealized capital gain.

#### **Realignment of revenue and expenses allowed for better analysis of SICB finances**

When I took the reins as treasurer, I was asked if the dues were appropriate to cover our operations and if the registration fee for the annual meeting was sufficient to cover our costs. In attempting to analyze the numbers to answer these questions, it became apparent to me that, while the accounts were all accurate, their presentation did not make it easy to separate those revenues and expenses associated with our annual meeting from those dealing with the other operations of the Society. With the assistance of BAI, I have been able to bundle the revenues and expenses of the meeting (including the grants for symposia, the divisional budgets that largely support symposia and meeting socials, and that portion of the BAI fees that are directly involved with the meeting organization), and separate them out from the general ledger.

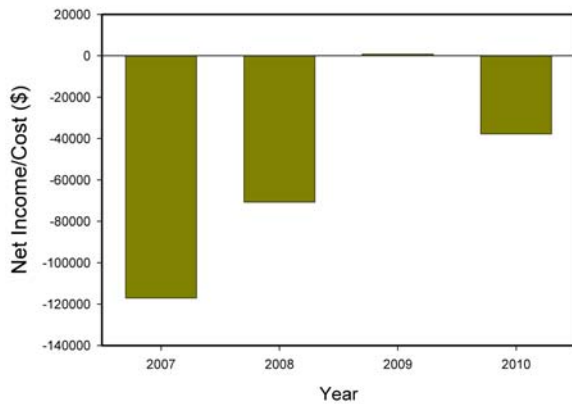
The results of these analyses for the past four years revealed that, in contrast to the treasurer reports that Ron Dimock and I had previously presented, the annual meeting has not been the revenue source that we thought it was (see the Annual Meeting figure below). In fact, the annual meeting has operated in the red, with the exception of a small profit for the Boston meeting. The trend for decreasing the deficit for the meeting was due to an increase in the meeting registration and prudent, cost-cutting measures effected by BAI.

The dues that are charged to the membership also do not cover the administrative costs associated with the operation of the Society (see the Operations figure below) to the extent of a \$149K loss this past year. The cost of operating SICB is only brought into the black largely through the revenue we realize from the publication of our journal, *Integrative and Comparative Biology* (see the Operations & Journal figure below). The concern here is two-fold: 1) the revenue from the journal is subject to continued institutional subscriptions and inclusion in consortia, and the increase in the latter has begun to plateau; 2) there has been a trend in

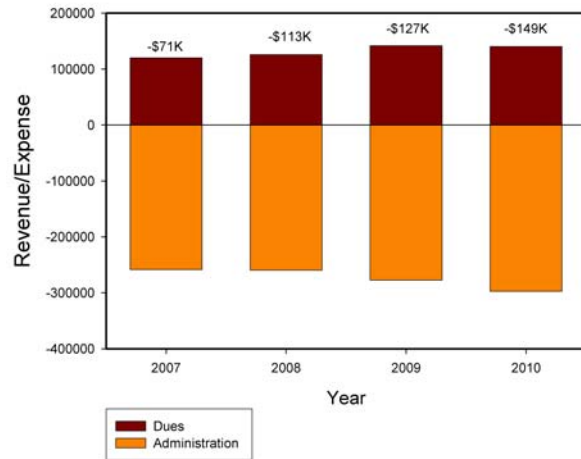
membership over the past few years toward a greater proportion of student members (with lower dues) relative to full members. We will need to pay careful attention to these revenue streams over the next few years.

The major components of the revenue and expenses are summarized in the figure labeled “SICB Budget Summary”. Good management has slowly turned a net loss of \$62K in FY 2007 into a net gain of \$104K in FY 2010, but an unexpected loss in an annual meeting or another severe downturn in the market could easily reverse this trend. Conservative oversight of the Society’s funds will remain the priority of the Finance Committee.

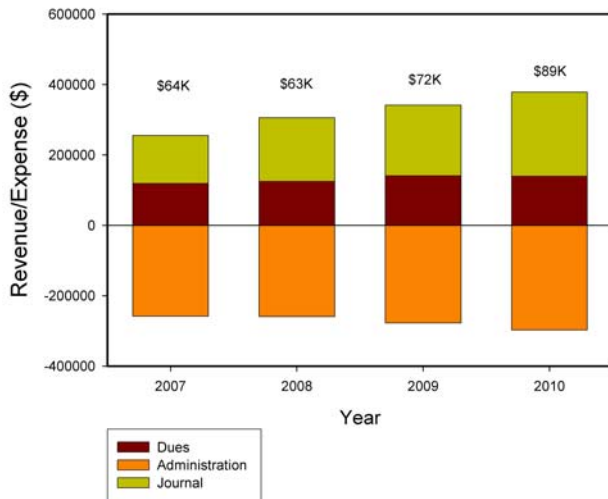
SICB Budget Summary - Annual Meeting



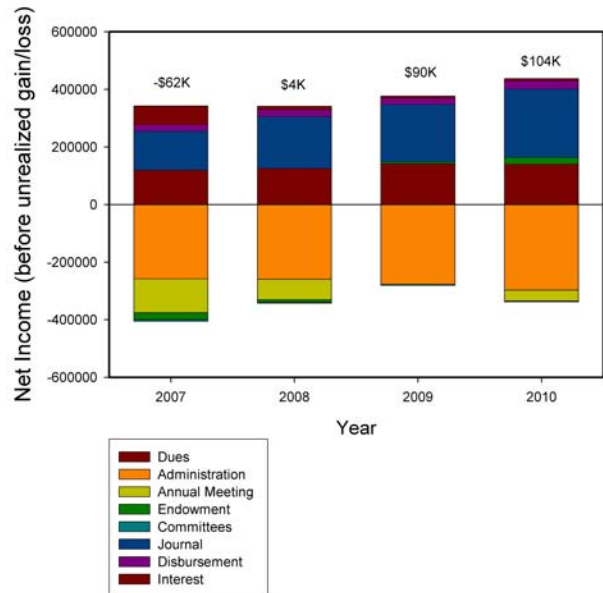
SICB Budget Summary - Operations



SICB Budget Summary - Operations & Journal



SICB Budget Summary



### Status of endowments

Fiscal year 2010 saw the establishment of a new endowment fund, the C. Ladd Prosser Fund. The generous donation by long-time and honored SICB member, Len Kirschner, funded this endowment in support of symposia the topic of which falls within the purview of comparative animal physiology and is consonant with Professor Prosser's scientific opus. There were also significant contributions to existing endowment funds this year:

<b>Endowment Fund</b>	<b>FY 2010 Donations</b>	<b>Balance (06/30/2010)</b>
Carl Gans Award	\$15,038	\$35,030
George Bartholomew Fund	\$2,093	\$113,499
Libbie H. Hyman Fund	\$1,398	\$25,745
Dwight D. Davis Fund	\$130	\$6,776
John A. Moore Lectureship Fund	\$60	\$3,154
Adrian M. Wenner Fund	\$200	\$8,021
Dorothy M. Skinner Fund	\$513	\$8,194
Symposium Enhancement Fund	\$2,024	\$111,371
Charlotte Mangum Fund	\$4,027	\$262,626
Grants-In-Aid-of-Research Fund	\$2,641	\$179,271
Howard Bern Lecture Fund	\$4,765	\$3,765
C. Ladd Prosser Symposium Fund	\$25,313	\$25,313

# SICB

## 2010 Executive Summary

As of December 15, 2010

**Account Number** 0802-3342

**Total Account Value**  
as of 12/15/2010 \$1,025,210

<b>Breakdown of Account</b>	<b>Amount</b>	<b>%</b>
Cash/Equivalents	\$247,930	24.18%
Mutual Funds	\$777,280	75.82%
	<u>\$1,025,210</u>	<u>100.00%</u>

### Market Perspective

<b>S &amp; P 500</b>	<b>YTD</b>
1/4/2010	1133
12/15/2010	<u>1235</u>
	102
Gain/Loss	9.00%

<b>SICB Account</b>	<b>YTD</b>
12/31/2009	\$969,119
12/15/2010	<u>\$1,025,210</u>
	\$56,091
Gain/Loss	5.79%

### Notes

### Comments

<b>Asset Allocation (as of 11/30/10)</b>		
Cash	27.48%	Over 50% of the portfolio is in Cash or Bonds in an effort to maintain a very conservative allocation. In particular, it should also be noted that in comparison to the S & P Index, 100% of the portfolio would be invested in US Stocks.
US Stocks	35.30%	
Non-US Stocks	11.56%	
Bonds	23.79%	
Other	<u>1.87%</u>	
	100.00%	

<b>Beta: 3 Yr. Portfolio</b>	0.48	<p>Definition of Beta: Beta is a measure of the degree of change in value one can expect in a portfolio given a change in value in a benchmark index (in this case the S&amp;P 500). A portfolio with a beta greater than one is generally more volatile than its benchmark index.</p> <p>Therefore, one can conclude that SICB Portfolio has approx. 50% less volatility than the S &amp; P 500.</p>
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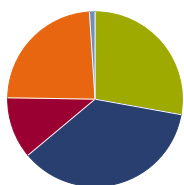
# SICB: NOVEMBER 2010

## Portfolio Snapshot

**Portfolio Value**  
\$1,001,630.21

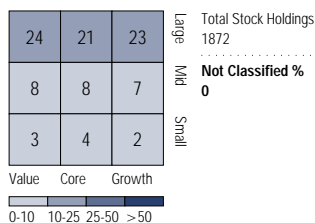
**Benchmark**  
S&P 500 TR

### Analysis 11-30-2010

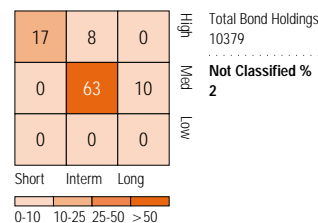


Asset Allocation	Portfolio Net	Bmark Net
Cash	27.48	0.00
US Stocks	35.30	100.00
Non-US Stocks	11.56	0.00
Bonds	23.79	0.00
Other	1.86	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Morningstar Equity Style Box %

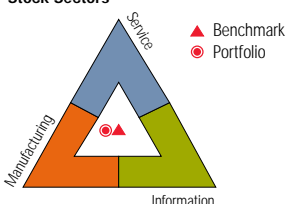


### Morningstar Fixed Income Style Box %

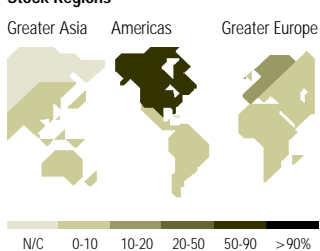


### Stock Analysis 11-30-2010

#### Stock Sectors



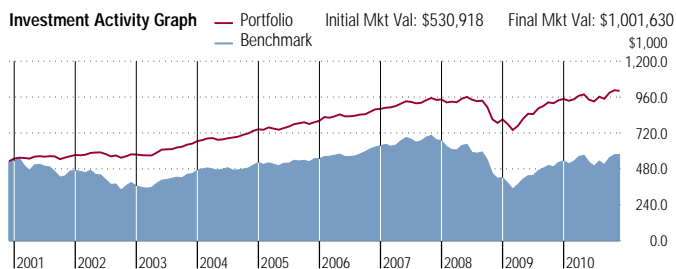
#### Stock Regions



% of Stocks	Portfolio %	Bmark %
<b>Information</b>	<b>16.53</b>	<b>23.60</b>
Software	5.55	4.30
Hardware	4.84	10.30
Media	1.98	3.10
Telecom	4.16	5.80
<b>Service Economy</b>	<b>42.43</b>	<b>38.20</b>
Healthcare	12.18	11.10
Consumer Svcs	7.09	8.60
Business Svcs	4.70	3.20
Financial Svcs	18.46	15.30
<b>Mfg Economy</b>	<b>40.99</b>	<b>38.10</b>
Consumer Goods	10.27	11.30
Industrial Mtrls	12.47	11.60
Energy	15.83	11.80
Utilities	2.42	3.40
<b>Not Classified</b>	<b>0.04</b>	<b>0.10</b>

% of Stocks	Portfolio %	Bmark %
<b>Americas</b>	<b>77.21</b>	<b>100.00</b>
North America	75.73	100.00
Central/Latin	1.49	0.00
<b>Greater Europe</b>	<b>17.18</b>	<b>0.00</b>
United Kingdom	4.59	0.00
Europe-Developed	11.23	0.00
Europe-Emerging	0.55	0.00
Africa/Middle East	0.81	0.00
<b>Greater Asia</b>	<b>5.59</b>	<b>0.00</b>
Japan	2.65	0.00
Australasia	0.26	0.00
Asia-Developed	1.10	0.00
Asia-Emerging	1.58	0.00
<b>Not Classified</b>	<b>0.02</b>	<b>0.00</b>

### Performance 11-30-2010



Trailing Returns	3 Mo	1 Yr	3 Yr	5 Yr	10 Yr
Pre-Tax Portfolio Return %	5.62	6.73	2.11	4.81	6.55
Benchmark Return %	13.08	9.94	-5.15	0.98	0.81
+/- Benchmark Return %	-7.46	-3.21	7.26	3.83	5.74

Time Period Return	Best %	Worst %
3 Months	14.68 (Mar 09-May 09)	-15.88 (Sep 08-Nov 08)
1 Year	27.73 (Mar 09-Feb 10)	-20.38 (Mar 08-Feb 09)
3 Years	13.42 (Apr 03-Mar 06)	-3.45 (Mar 06-Feb 09)

Portfolio Yield	Yield %
Trailing 12 Month	1.39

#### Performance Disclosure

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate thus an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please visit <http://advisor.morningstar.com/familyinfo.asp>.

See Disclosure Page for Standardized Returns.

### Holdings 11-30-2010

#### Top 10 Holdings out of 23

- Cash: Money Market - Taxable
- PIMCO Total Return Instl
- Dodge & Cox Income
- Forester Value N
- Parnassus Equity Income - Inv
- ICON Energy S
- Dodge & Cox International Stock
- Vanguard Short-Term Bond Index Inv
- FMI Provident Trust Strategy
- Muhlenkamp

Ticker	Type	Holding Value \$	% Assets
—	PY	247,929.00	24.75
PTRX	MF	77,063.55	7.69
DODIX	MF	75,061.57	7.49
FVALX	MF	70,328.68	7.02
PRBLX	MF	57,871.34	5.78
ICENX	MF	46,532.50	4.65
DODFX	MF	40,014.56	3.99
VBISX	MF	37,240.73	3.72
FMIRX	MF	32,078.17	3.20
MUHLX	MF	31,371.24	3.13

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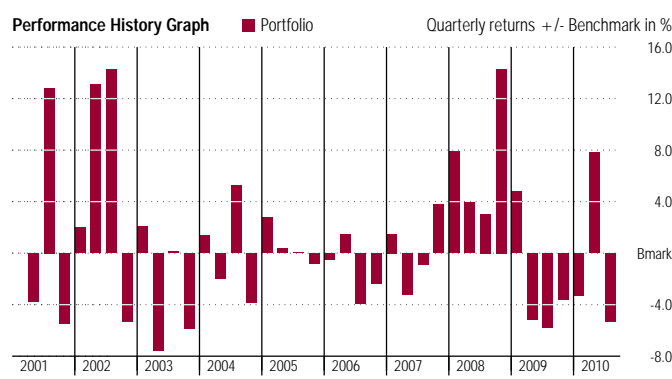
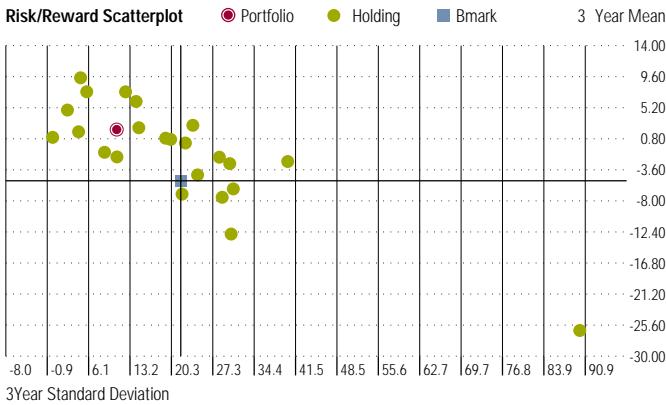
# SICB: NOVEMBER 2010

## Portfolio Snapshot

**Portfolio Value**  
\$1,001,630.21

**Benchmark**  
S&P 500 TR

### Risk Analysis 11-30-2010



**Risk and Return Statistics**

	3 Year		5 Year		10 Year	
	Portfolio	Bmark	Portfolio	Bmark	Portfolio	Bmark
Standard Deviation	10.93	21.87	8.78	17.58	7.16	16.27
Mean	2.11	-5.15	4.81	0.98	6.55	0.81
Sharpe Ratio	0.18	-0.16	0.31	0.01	0.60	-0.01

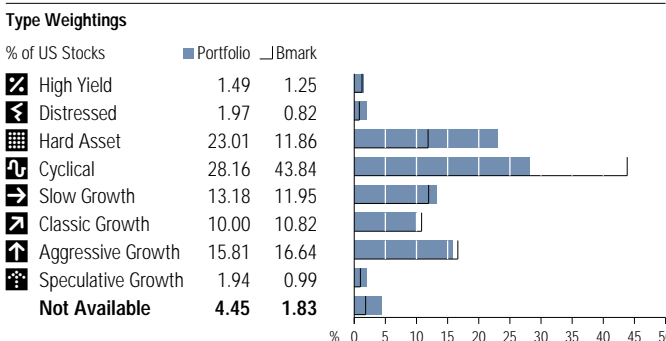
**MPT Statistics**

	3Yr Portfolio	5Yr Portfolio	10Yr Portfolio
Alpha	3.71	2.65	4.38
Beta	0.48	0.48	0.39
R-squared	93	91	80

### Fundamental Analysis 11-30-2010

**Asset Allocation**

	Portfolio % Net	Portfolio % Long	Portfolio % Short
Cash	27.48	34.61	7.13
US Stocks	35.30	35.30	0.00
Non-US Stocks	11.56	11.86	0.30
Bonds	23.79	23.85	0.06
Other	1.86	2.12	0.25
<b>Total</b>	<b>100.00</b>	<b>107.74</b>	<b>7.74</b>



**Market Maturity**

	Portfolio	Bmark
% of Stocks		
Developed Markets	95.74	100.00
Emerging Markets	4.26	0.00
<b>Not Available</b>	<b>0.00</b>	<b>0.00</b>

**Valuation Multiples**

	Portfolio	Bmark
Price/Earnings	15.12	14.70
Price/Book	1.94	2.10
Price/Sales	1.23	1.30
Price/Cash Flow	8.13	8.80

**Geometric Avg Capitalization (\$Mil)**

Portfolio	17,655.43
Benchmark	45,333.00

**Credit Quality** % of Bonds

AAA	59.27
AA	6.54
A	12.71
BBB	12.22
BB	3.71
B	1.69
Below B	0.96
NR/NA	2.89

**Profitability**

	Portfolio 2009	Bmark 2009
% of US Stocks		
Net Margin	12.22	12.75
ROE	18.82	21.05
ROA	7.80	8.56
Debt/Capital	31.89	—

**Interest Rate Risk** Portfolio

Maturity	7.63
Duration (total portfolio)	4.97
Avg Credit Quality	—

**Fund Statistics**

Potential Cap Gains Exposure	4.57
Avg Net Expense Ratio	0.67
Avg Gross Expense Ratio	0.68

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# SICB: NOVEMBER 2010

## Portfolio Snapshot

**Portfolio Value**  
\$1,001,630.21

**Benchmark**  
S&P 500 TR

### Disclosure for Standardized and Tax Adjusted Returns

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate thus an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end please visit <http://advisor.morningstar.com/familyinfo.asp>

An investment in a money market fund is not insured or guaranteed by the FDIC or any other government agency. The current yield quotation more closely reflects the current earnings of the money market fund than the total return quotation. Although money markets seek to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the fund.

Standardized Returns assume reinvestment of dividends and capital gains. It depicts performance without adjusting for the effects of taxation, but are adjusted to reflect sales charges and ongoing fund expenses. If adjusted for

taxation, the performance quoted would be significantly reduced. For variable annuities, additional expenses will be taken in account, including M&E risk charges, fund-level expenses such as management fees and operating fees, and policy-level administration fees, charges such as surrender, contract and sales charges.

After-tax returns are calculated using the highest individual federal marginal income tax rates, and do not reflect the impact of state and local taxes. Actual after tax returns depend on the investor's tax situation and may differ from those shown. The after tax returns shown are not relevant to investors who hold their fund shares through tax-deferred arrangements such as 401(k) plans or an IRA. After-tax returns exclude the effects of either the alternative minimum tax or phase-out of certain tax credits. Any taxes due are as of the time the distributions are made, and the taxable amount and tax character of each distribution is as specified by the fund on the dividend declaration date. Due to foreign tax credits or realized capital losses, after-tax returns may be greater than before tax returns. After-tax returns for exchange-traded funds are based on net asset value.

### Annualized returns 09-30-2010

Standardized Returns (%)	7-day Yield	1Yr	5Yr	10Yr	Since Inception	Inception Date	Max Front Load %	Max Back Load %	Net Exp Ratio %	Gross Exp Ratio %
PIMCO Total Return Instl	--	10.93	8.36	7.93	8.59	05-11-87	NA	NA	NA	0.47
Dodge & Cox Income	--	8.85	6.53	6.88	7.80	01-03-89	NA	NA	0.43	0.43
Forester Value N	--	7.19	4.15	5.31	5.30	09-10-99	NA	NA	1.28	1.28
Parnassus Equity Income - Inv	--	10.38	5.86	5.85	9.60	09-01-92	NA	NA	0.99 <sub>1</sub>	1.00
ICON Energy S	--	-0.17	3.18	12.59	12.12	11-05-97	NA	NA	1.26	1.26
Dodge & Cox International Stock	--	7.55	4.37	--	8.78	05-01-01	NA	NA	0.65	0.65
Vanguard Short-Term Bond Index Inv	--	4.82	5.23	4.96	5.36	03-01-94	NA	NA	0.22	0.22
FMI Provident Trust Strategy	--	8.04	4.14	1.88	9.57	12-30-86	NA	NA	1.00 <sub>2</sub>	1.17
Muhlenkamp	--	0.03	-6.08	2.80	9.66	11-17-88	NA	NA	1.27	1.27
Gabelli Small Cap Growth AAA	--	16.12	5.45	8.63	12.73	10-22-91	NA	NA	1.48	1.48
Perkins Mid Cap Value T	--	8.54	4.61	9.92	12.40	08-12-98	NA	NA	1.02	1.02
Artisan International Value Investor	--	10.39	6.68	--	15.72	09-23-02	NA	NA	1.27	1.27
Scout International	--	9.56	5.46	5.57	9.18	09-14-93	NA	NA	0.97	0.97
Harbor International Inv	--	8.70	6.59	--	13.27	11-01-02	NA	NA	1.22	1.22
Gateway A	--	-1.06	0.96	1.62	7.83	12-07-77	5.75	NA	0.94 <sub>3</sub>	1.05
Hussman Strategic Growth	--	3.14	1.17	7.82	8.04	07-24-00	NA	NA	1.05	1.05
Vanguard Long-Term Bond Index Inv	--	13.24	7.35	8.37	7.98	03-01-94	NA	NA	0.22	0.22
DFA Real Estate Securities I	--	30.57	1.57	10.14	9.62	01-05-93	NA	NA	0.36	0.36
Gabelli ABC Advisor	--	3.23	--	--	1.95	06-01-07	NA	NA	0.91	0.91
Keeley Mid Cap Value A	--	3.39	-4.25	--	-3.36	08-15-05	4.50	NA	1.39 <sub>4</sub>	1.59
PIMCO Commodity Real Ret Strat D	--	19.41	-0.88	--	8.84	11-29-02	NA	NA	1.24 <sub>5</sub>	1.39
<b>Standard &amp; Poor's 500</b>	--	<b>10.16</b>	<b>0.64</b>	<b>-0.43</b>	--	--				
<b>BarCap's Agg Bond Index</b>	--	<b>8.16</b>	<b>6.20</b>	<b>6.41</b>	--	--				
<b>MSCI EAFE Index Ndtr_D</b>	--	<b>3.27</b>	<b>1.97</b>	<b>2.56</b>	--	--				
<b>3 Month T-Bill</b>	--	<b>0.12</b>	<b>2.50</b>	<b>2.43</b>	--	--				

1. Contractual waiver that expires 05/01/2011.

2. Non-contractual waiver that expires 01/31/2011.

3. Contractual waiver that expires 04/30/2011.

4. Contractual waiver that expires 01/31/2011.

5. Contractual waiver that may expire at any time.

**SICB: NOVEMBER 2010**

## Portfolio Snapshot

Portfolio Value  
\$1,001,630.21Benchmark  
S&P 500 TR**Disclosure for Standardized and Tax Adjusted Returns (continued)**

Returns after Taxes (%)	on Distribution					on Distribution and Sales of Shares				
	1Yr	5Yr	10Yr	Since Inception	Inception Date	1Yr	5Yr	10Yr	Since Inception	
PIMCO Total Return Instl	9.31	6.10	5.66	5.81	05-11-87	7.08	5.82	5.47	5.73	
Dodge & Cox Income	7.03	5.04	5.29	5.63	01-03-89	5.71	4.86	5.10	5.51	
Forester Value N	6.77	3.31	3.86	3.95	09-10-99	4.67	3.05	3.67	3.73	
Parnassus Equity Income - Inv	10.14	4.79	4.55	7.72	09-01-92	6.95	4.85	4.55	7.52	
ICON Energy S	-0.58	0.65	10.93	10.79	11-05-97	-0.10	2.43	10.97	10.70	
Dodge & Cox International Stock	7.03	3.38	--	8.08	05-01-01	4.89	3.40	--	7.47	
Vanguard Short-Term Bond Index Inv	3.97	3.90	3.47	3.47	03-01-94	3.13	3.68	3.35	3.41	
FMI Provident Trust Strategy	7.99	3.72	-0.16	6.97	12-30-86	5.23	3.41	0.70	7.15	
Muhlenkamp	-0.02	-6.74	2.33	9.21	11-17-88	0.02	-5.03	2.39	8.76	
Gabelli Small Cap Growth AAA	16.12	4.61	7.51	11.30	10-22-91	10.48	4.55	7.16	10.92	
Perkins Mid Cap Value T	8.47	3.00	8.49	10.82	08-12-98	5.55	3.36	8.15	10.35	
Artisan International Value Investor	9.68	5.38	--	14.64	09-23-02	6.72	5.11	--	13.53	
Scout International	9.36	4.75	5.02	8.47	09-14-93	6.44	4.48	4.63	7.91	
Harbor International Inv	8.31	5.71	--	12.40	11-01-02	5.64	5.34	--	11.42	
Gateway A	-1.56	0.30	0.98	5.93	12-07-77	-0.70	0.47	1.07	5.74	
Hussman Strategic Growth	3.10	0.06	6.42	6.66	07-24-00	2.04	0.62	6.16	6.37	
Vanguard Long-Term Bond Index Inv	11.31	5.39	6.22	5.55	03-01-94	8.50	5.09	5.92	5.36	
DFA Real Estate Securities I	29.19	-0.03	8.15	7.70	01-05-93	19.76	0.61	7.79	7.39	
Gabelli ABC Advisor	2.68	--	--	0.81	06-01-07	2.09	--	--	1.08	
Keeley Mid Cap Value A	3.35	-4.26	--	-3.36	08-15-05	2.20	-3.57	--	-2.83	
PIMCO Commodity Real Ret Strat D	15.12	-5.36	--	4.38	11-29-02	12.67	-3.32	--	5.00	

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**SICB: NOVEMBER 2010**

## Portfolio Snapshot

Portfolio Value  
\$1,001,630.21Benchmark  
S&P 500 TR

<b>Non-Load Adjusted Returns</b>											
<b>Total 23 holdings as of 11-30-2010</b>											
	Type	Holdings Date	% of Assets	Holding Value \$	7-day Yield	1Yr Ret %	3Yr Ret %	5Yr Ret %	10Yr Ret %	Max Front Load %	Max Back Load %
Cash: Money Market - Taxable	PY	—	24.75	247,929	—	0.04	0.85	2.29	2.04	—	—
PIMCO Total Return Instl - PTRRX	MF	06-2010	7.69	77,064	—	8.48	9.44	8.39	7.61	—	—
Dodge & Cox Income - DODIX	MF	09-2010	7.49	75,062	—	7.09	7.46	6.58	6.66	—	—
Forester Value N - FVALX	MF	06-2010	7.02	70,329	—	3.49	6.08	3.69	5.20	—	—
Parnassus Equity Income - Inv - PRBLX	MF	10-2010	5.78	57,871	—	5.83	0.88	5.85	6.61	—	—
ICON Energy S - ICENX	MF	09-2010	4.65	46,532	—	7.70	-1.81	6.73	13.79	—	—
Dodge & Cox International Stock - DODFX	MF	09-2010	3.99	40,015	—	7.72	-6.30	4.28	—	—	—
Vanguard Short-Term Bond Index Inv - VBISX	MF	09-2010	3.72	37,241	—	3.45	4.87	5.21	4.82	—	—
FMI Provident Trust Strategy - FMIRX	MF	09-2010	3.20	32,078	—	7.91	2.36	3.76	3.40	—	—
Muhlenkamp - MUHLX	MF	09-2010	3.13	31,371	—	5.56	-7.04	-5.19	4.18	—	—
Gabelli Small Cap Growth AAA - GABSX	MF	06-2010	3.06	30,633	—	26.66	2.71	6.85	9.87	—	—
Perkins Mid Cap Value T - JMCVX	MF	09-2010	2.69	26,902	—	11.87	0.71	5.11	10.41	—	—
Artisan International Value Investor - ARTKX	MF	09-2010	2.68	26,839	—	11.92	0.19	7.31	—	—	—
Scout International - UMBWX	MF	09-2010	2.59	25,967	—	7.34	-4.32	5.76	6.28	—	—
Harbor International Inv - HIINX	MF	09-2010	2.53	25,323	—	4.10	-7.49	6.32	8.24	—	—
Gateway A - GATEX	MF	09-2010	2.41	24,182	—	3.93	-1.76	2.31	2.62	5.75	—
Hussman Strategic Growth - HSGFX	MF	09-2010	2.40	23,995	—	2.01	-1.12	1.03	7.04	—	—
Vanguard Long-Term Bond Index Inv - VBLTX	MF	09-2010	2.37	23,751	—	8.57	7.45	6.83	7.61	—	—
DFA Real Estate Securities I - DFREX	MF	02-2010	2.31	23,177	—	31.36	-2.42	1.66	10.71	—	—
Gabelli ABC Advisor - GADVX	MF	06-2010	2.12	21,268	—	3.75	1.79	4.93	4.15	—	—
Keeley Mid Cap Value A - KMCVX	MF	10-2010	1.77	17,742	—	16.56	-12.70	-2.09	—	4.50	—
PIMCO Commodity Real Ret Strat D - PCRD	MF	06-2010	1.62	16,222	—	13.24	-2.72	1.78	—	—	—
Developers Diversified Realty - DDR	ST	—	0.01	140	—	27.75	-25.54	-15.07	8.60	—	—

**Performance Disclosure**

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate thus an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please visit <http://advisor.morningstar.com/familyinfo.asp>.

**See Disclosure Page for Standardized Returns.**

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# Portfolio Snapshot Report Disclosure Statement

## General

Investment portfolios illustrated in this report can be scheduled or unscheduled. With an unscheduled portfolio, the user inputs only the portfolio holdings and their current allocations. Morningstar calculates returns using the given allocations assuming monthly rebalancing. Taxes, loads, and sales charges are not taken into account.

With "scheduled" portfolios, users input the date and amount for all investments into and withdrawals from each holding, as well as tax rates, loads, and other factors that would have affected portfolio performance. A hypothetical illustration is one type of scheduled portfolio.

Both scheduled and unscheduled portfolios are theoretical, for illustrative purposes only, and are not reflective of an investor's actual experience. For both scheduled and unscheduled portfolios, the performance data given represents past performance and should not be considered indicative of future results. Principal value and investment return of stocks, mutual funds, and variable annuity/life products will fluctuate, and an investor's shares/units when redeemed will be worth more or less than the original investment. Stocks, mutual funds, and variable annuity/life products are not FDIC-insured, may lose value, and are not guaranteed by a bank or other financial institution. Portfolio statistics change over time.

Used as supplemental sales literature, the Portfolio Snapshot report must be preceded or accompanied by the fund/policy's current prospectus or equivalent. In all cases, this disclosure statement should accompany the Portfolio Snapshot report. Morningstar is not itself a FINRA-member firm.

The underlying holdings of the portfolio are not federally or FDIC-insured and are not deposits or obligations of, or guaranteed by, any financial institution. Investment in securities involve investment risks including possible loss of principal and fluctuation in value.

User-Defined securities may be included in this report. Morningstar cannot guarantee the completeness or accuracy of this data. For more information, please work with your advisor.

The information contained in this report is from the most recent information available to Morningstar as of the release date, and may or may not be an accurate reflection of the current composition of the securities included in the portfolio. There is no assurance that the weightings, composition and ratios will remain the same.

## Items to Note Regarding Certain Underlying Securities

A closed-end fund is an investment company, which typically makes one public offering of a fixed number of shares. Thereafter, shares are traded on a secondary market such as the New York Stock Exchange. As a result, the secondary market price may be higher or lower than the closed-end fund's net asset value (NAV). If these shares trade at a price above their NAV, they are said to be trading at a premium. Conversely, if they are trading at a price below their NAV, they are said to be trading at a discount.

A holding company depository receipt (HOLDR) is similar to an ETF, but they focus on narrow industry groups and initially own 20 stocks which are unmanaged, and can become more concentrated due to mergers, or the disparate performance of their holdings. HOLDRs can only be bought in 100-share increments. Investors may exchange shares of a HOLDR for its underlying stocks at any time.

An exchange-traded fund (ETF) is an investment company that typically has an investment objective of striving to achieve a similar return as a particular market index. The ETF will invest in either all or a representative sample of the securities included in the index it is seeking to imitate. Like closed-end funds, ETFs can be traded on a secondary market and thus have a market price that may be higher or lower than its net asset value. If these shares trade at a price above their NAV, they are said to be trading at a premium. Conversely, if they are trading at a price below their NAV, they are said to be trading at a discount.

A money market fund is an investment company that invests in commercial paper, banker's acceptances, repurchase agreements, government securities, certificates of deposit and other highly liquid securities, and pays money market rates of interest. Money markets are not FDIC-insured, may lose money, and are not guaranteed by a bank or other financial institution. Although the money market seeks to preserve a stable per share value (i.e. \$1.00 per share), it is possible to lose money by investment in the fund.

Unit investment trust (UIT) is an investment company organized under a trust agreement between a sponsor and trustee. UITs typically purchase a fixed portfolio of securities and then sell units in the trust to investors. The major difference between a UIT and a mutual fund is that a mutual fund is actively managed, while a UIT is not. On a periodic basis, UITs usually distribute to the unit holder their pro rata share of the trust's net investment income and net realized capital gains, if any. If the trust is one that invests only in tax-free securities, then the income from the trust is also tax-free. UITs generally make one public offering of a fixed number of units. However, in some cases, the sponsor will maintain a secondary market that allows existing unit holders to sell their units and for new investors to buy units.

Variable annuities are tax-deferred investments structured to convert a sum of money into a series of payments over time. Variable annuity policies have limitations and are not viewed as short-term liquid investments. An insurance company's fulfillment of a commitment to pay a minimum death benefit, a schedule of payments, a fixed investment account guaranteed by the insurance company, or another form of guarantee depends on the claims-paying ability of the issuing insurance company. Any such guarantee does not affect or apply to the investment return or principal value of the separate account and its subaccount. The financial ratings quoted for an insurance company do not apply to the separate account and its subaccount. If the variable annuity subaccount is invested in a money-market fund, although it seeks to preserve a stable per share value (i.e. \$1.00 per share), it is possible to lose money by investment in the fund.

Variable life insurance is a cash-value life insurance that has a variable cash value and/or death benefit depending on the investment performance of the subaccount into which premium payments are invested. Unlike traditional life insurance, variable life insurance has inherent risks associated with it, including market volatility, and is not viewed as a short-term liquid investment. For more information on a variable life product, including each subaccount, please read the current prospectus. Please note, the financial ratings noted on the report are quoted for an insurance company and do not apply to the separate account and its subaccount. If the variable life subaccount is invested in a money-market fund, although it seeks to preserve a stable per share value (i.e. \$1.00 per share), it is possible to lose money by investment in the fund.

## Portfolio Snapshot Report Disclosure Statement (continued)

### Pre-inception Returns

The analysis in this report may be based, in part, on adjusted historical returns for periods prior to the fund's actual inception. These calculated returns reflect the historical performance of the oldest share class of the fund, adjusted to reflect the fees and expenses of this share class. These fees and expenses are referenced in the report's list of holdings and again on the standardized returns page. When pre-inception data are presented in the report, the header at the top of the report will indicate this.

While the inclusion of pre-inception data provides valuable insight into the probable long-term behavior of newer share classes of a fund, investors should be aware that an adjusted historical return can only provide an approximation of that behavior. For example, the fee structures between a retail share class will vary from that of an institutional share class, as retail shares tend to have higher operating expenses and sales charges. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

### Scheduled Portfolio Trailing Returns

Scheduled Portfolios are customized by the user to account for loads, taxes, cash flows, and specific investment dates. Scheduled portfolios use the portfolio's investment history to calculate final market values and returns. For scheduled portfolios, both individual holding and portfolio returns are internal-rate-of-return calculations that reflect the timing and dollar size of all purchases and sales. For stocks and mutual funds, sales charges and tax rates are taken into account as specified by the user (except in the pre-tax returns, which reflect the impact of sales charges but not taxes). Note that in some scheduled portfolio illustrations, dividends and capital gains distributions, if applicable, are reinvested at the end of the month in which they are made at the month-end closing price. This can cause discrepancies between calculated returns and actual investor experience.

### Scheduled Portfolio Returns-Based Performance Data

For scheduled portfolios, the monthly returns used to calculate alphas, betas, R-squareds, standard deviations, Sharpe ratios, and best/worst time-period data are internal rates of return.

### Important VA Disclosure for Scheduled Portfolios

For variable annuity products, policy level charges (other than front-end loads, if input by the advisor) are not factored into returns. When withdrawals and liquidations are made, increases in value over the purchase price are taxed at the capital gains rate that currently is in effect. This is not reflective of the actual tax treatment for these products, which requires the entire withdrawal to be taxed at the income tax rate. If adjusted for sales charges and the effects of taxation, the subaccount returns would be reduced.

### Scheduled Portfolio Investment Activity Graph

The historic portfolio values that are graphed are those used to track the portfolio when calculating returns.

### Unscheduled Portfolio Returns

Monthly total returns for unscheduled portfolios are calculated by applying the ending period holding weightings supplied by the user to an individual holding's monthly returns. When monthly returns are unavailable for a holding (ie. Due to it not being in existence during the historical period being reported), the remaining portfolio holdings are reweighted to maintain consistent proportions. Inception dates are listed in the Disclosure for Standardized and Tax Adjusted

Returns. Trailing returns are calculated by geometrically linking these weighted-average monthly returns. Unscheduled portfolio returns thus assume monthly rebalancing. Returns for individual holdings are simple time-weighted trailing returns. Neither portfolio returns nor holding returns are adjusted for loads or taxes, and if adjusted for, would reduce the returns stated. The returns stated assume the reinvestment of dividends and capital gains. Mutual fund returns include all ongoing fund expenses. VA/VL returns reflect subaccount level fund expenses, including M&E expenses, administration fees, and actual ongoing fund level expenses.

### Unscheduled Portfolio Investment Activity Graph

The historic performance data graphed is extrapolated from the ending portfolio value based on the monthly returns.

### Benchmark Returns

Benchmark returns may or may not be adjusted to reflect ongoing expenses such as sales charges. An investment's portfolio may differ significantly from the securities in the benchmark.

Returns for custom benchmarks are calculated by applying user-supplied weightings to each benchmark's returns every month. Trailing returns are calculated by geometrically linking these weighted-average monthly returns. Custom benchmark returns thus assume monthly rebalancing.

### Standardized Returns

For mutual funds, standardized return is total return adjusted for sales charges, and reflects all ongoing fund expenses. Following this disclosure statement, standardized returns for each portfolio holding are shown.

For money market mutual funds, standardized return is total return adjusted for sales charges and reflects all ongoing fund expenses. Current 7-day yield more closely reflects the current earnings of the money market fund than the total return quotation.

For VA subaccounts, standardized return is total return based on its inception date within the separate account and is adjusted to reflect recurring and non-recurring charges such as surrender fees, contract charges, maximum front-end load, maximum deferred load, maximum M&E risk charge, administration fees, and actual ongoing fund-level expenses.

For VL subaccounts, standardized return is total return based on its inception date within the separate account and is adjusted to reflect recurring and non-recurring charges such as surrender fees, contract charges, maximum front-end load, maximum deferred load, maximum M&E risk charge, administration fees, and actual ongoing fund-level expenses. For VLs, additional fees specific to a VL policy such as transfer fees and cost of insurance fees, which are based on specific characteristics on an individual, are not included. If VL fees were included in the return calculations, the performance would have been significantly lower. An investor should contact their financial advisor and ask for a personalized performance illustration, either hypothetical or historical, which reflects all applicable fees and charges including the cost of insurance. Please review the prospectus and SAI for more detailed information.

For ETFs, the standardized returns reflect performance, both at market price and NAV price, without adjusting for the effects of taxation or brokers commissions. These returns are adjusted to reflect all ongoing ETF expenses and assume reinvestment of dividends and capital gains. If adjusted, the effects of taxation would reduce the performance quoted.

For HOLDERS, the standardized returns reflect performance at market price, without adjusting for the effects of taxation or brokers commissions. These returns are adjusted to reflect all ongoing expenses and assume reinvestment of dividends and capital gains. If adjusted, the effects of taxation would reduce the performance quoted.

## Portfolio Snapshot Report Disclosure Statement (continued)

The charges and expenses used in the standardized returns are obtained from the most recent prospectus and/or shareholder report available to Morningstar. For mutual funds and VA/VLs, all dividends and capital gains are assumed to be reinvested. For stocks, stock acquired via divestitures is assumed to be liquidated and reinvested in the original holding.

### Non-Standardized Returns

For mutual funds, total return is not adjusted for sales charges and reflects all ongoing fund expenses for various time periods. These returns assume reinvestment of dividends and capital gains. If adjusted for sales charges and the effects of taxation, the mutual fund returns would be reduced.

For money market funds, total return is not adjusted for sales charges and reflects all ongoing fund expenses for various time periods. These returns assume reinvestment of dividends and capital gains. If adjusted for sales charges and the effects of taxation, the money market returns would be reduced.

For VA and VL subaccounts, non-standardized returns illustrate performance that is adjusted to reflect all actual ongoing subaccount-level expenses including M&E risk charges and underlying fund-level expenses for various time periods. Non-Standardized performance returns assume reinvestment of dividends and capital gains. If adjusted for sales charges and the effects of taxation, the subaccount returns would be reduced.

### Investment Advisory Fees

The investment(s) returns do not necessarily reflect the deduction of all investment advisory fees. Client investment returns will be reduced if additional advisory fees are incurred such as deferred loads, redemption fees, wrap fees, or other account charges.

### Investment Style

The Morningstar® Style Box™ combines the various funds investment strategies. For the equity style box, the vertical axis shows the market capitalization of the stocks owned and the horizontal axis shows investment style (value, blend, or growth). For the fixed-income style box, the vertical axis shows the average credit quality of the bonds owned and the horizontal axis shows interest rate sensitivity as measured by a bond's duration (short, intermediate, or long).

### Risk and Return

Standard deviation is a statistical measure of the volatility of a portfolio's returns around its mean.

Mean represents the annualized geometric return for the period shown.

Sharpe ratio uses a portfolio's standard deviation and total return to determine reward per unit of risk.

Alpha measures the difference between a portfolio's actual returns and its expected performance, given its beta and the actual returns of the benchmark index. Alpha is often seen as a measurement of the value added or subtracted by a portfolio's manager.

Beta is a measure of the degree of change in value one can expect in a portfolio given a change in value in a benchmark index. A portfolio with a beta greater than one is generally more volatile than its benchmark index, and a portfolio with a beta of less than one is generally less volatile than its benchmark index.

R-squared reflects the percentage of a portfolio's movements that are explained by movements in its benchmark index, showing the degree of correlation between the portfolio and a benchmark. This figure is also helpful in assessing how likely it is that alpha and beta are statistically significant.

### Fundamental Analysis

The below referenced data elements are a weighted average of the equity holdings in the portfolio.

The median market capitalization of a subaccount's equity portfolio gives you a measure of the size of the companies in which the subaccount invests.

The Price/Cash Flow ratio is a weighted average of the price/cash-flow ratios of the stocks in a subaccounts portfolio. Price/cash-flow shows the ability of a business to generate cash and acts as a gauge of liquidity and solvency.

The Price/Book ratio is a weighted average of the price/book ratios of all the stocks in the underlying fund's portfolio. The P/B ratio of a company is calculated by dividing the market price of its stock by the company's per-share book value. Stocks with negative book values are excluded from this calculation.

The Price/Earnings ratio is a weighted average of the price/earnings ratios of the stocks in the underlying fund's portfolio. The P/E ratio of a stock is calculated by dividing the current price of the stock by its trailing 12 months' earnings per share. In computing the average, Morningstar weights each portfolio holding by the percentage of equity assets it represents.

The Price/Sales ratio is a weighted average of the price/sales ratios of the stocks in the underlying fund's portfolio. The P/S ratio of a stock is calculated by dividing the current price of the stock by its trailing 12 months' revenues per share. In computing the average, Morningstar weights each portfolio holding by the percentage of equity assets it represents.

The return on assets (ROA) is the percentage a company earns on its assets in a given year. The calculation is net income divided by end-of-year total assets, multiplied by 100.

The Return on Equity (ROE) is the percentage a company earns on its shareholders' equity in a given year. The calculation is net income divided by end-of-year net worth, multiplied by 100.

Market Maturity shows the percentage of a holding's common stocks that are domiciled in developed and emerging markets.

The below referenced data elements listed below are a weighted average of the fixed income holdings in the portfolio.

The average credit quality is derived by taking the weighted average of the credit rating for each bond in the portfolio.

Average maturity is used for holdings in the taxable fixed-income category, this is a weighted average of all the maturities of the bonds in a portfolio, computed by weighting each maturity date by the market value of the security. Credit quality breakdowns are shown for corporate-bond holdings and depicts the quality of bonds in the underlying portfolio. The analysis reveals the percentage of fixed-income securities that fall within each credit-quality rating as assigned by Standard & Poor's or Moodys. This figure is not provided for financial companies.

Debt as a percentage of capital is calculated by dividing long-term debt by total capitalization (the sum of common equity plus preferred equity plus long-term debt). This figure is not provided for financial companies.

Duration is a time measure of a bonds interest-rate sensitivity.

## Portfolio Snapshot Report Disclosure Statement (continued)

Net Margin is a measure of profitability. It is equal to annual net income divided by revenues from the same period for the past five fiscal years, multiplied by 100.

Type Weightings divide the stocks in a given holding's portfolio into eight type designations each of which defines a broad category of investment characteristics. Not all stocks in a given holding's portfolio are assigned a type. These stocks are grouped under NA.

The below referenced data elements listed below are a weighted average of the total holdings in the portfolio.

The average expense ratio is the percentage of assets deducted each year for underlying fund operating expenses, management fees, and all other asset-based costs incurred by the fund, excluding brokerage fees.

Potential capital gains exposure is the percentage of a holdings total assets that represent capital appreciation.

### Investment Risk

**Market Price Risk:** The market price of ETFs and HOLDRs traded on the secondary market is subject to the forces of supply and demand and thus independent of the ETFs NAV. This can result in the market price trading at a premium or discount to the NAV which will affect an investors value.

**Market Risk:** The market prices of ETFs and HOLDRs can fluctuate as to the result of several factors such as security-specific factors or general investor sentiment. Therefore, investors should be aware of the prospect of market fluctuations and the impact it may have on the market price.

**International Emerging Market Funds/Subaccounts:** The investor should note that funds and subaccounts that invest in international securities take on special additional risks. These risks include, but are not limited to, currency risk, political risk, and risk associated with varying accounting standards. Investing in emerging markets normally accentuates these risks.

**Sector Funds/Subaccounts:** The investor should note that funds and subaccounts that invest exclusively in one sector or industry involve additional risks. The lack of industry diversification subjects the investor to increased industry-specific risks.

**Non-Diversified Funds/Subaccounts:** The investor should note that funds or subaccounts that invest more of their assets in a single issuer involve additional risks, including share price fluctuations, because of the increased concentration of investments.

**Small Cap Funds/Subaccounts:** The investor should note that funds and subaccounts that invest in stocks of small companies involve additional risks. Smaller companies typically have a higher risk of failure, and are not as well established as larger blue-chip companies. Historically, smaller-company stocks have experienced a greater degree of price volatility than the overall market average.

**Mid Cap Funds/Subaccounts:** The investor should note that funds and subaccounts that invest in companies with market capitalizations below \$10 billion involve additional risks. The securities of these companies may be more volatile and less liquid than the securities of larger companies.

**High-Yield Bond Funds/Subaccounts:** The investor should note that funds and subaccounts that invest in lower-rated debt securities (commonly referred to as junk bonds) involve additional risks because of the lower credit quality of the securities in the portfolio. The investor should be aware of the possible higher level of volatility and increased risk of default.

**Tax-Free Municipal Bond Funds:** The investor should note that the income from tax-free municipal bond funds may be subject to state and local taxation and the Alternative Minimum Tax.

**HOLDRs:** The investor should note that these are narrow industry focused products that, if the industry is hit by hard times, will lack diversification and possible loss of investment would be likely. These securities can trade at a discount to market price, ownership is of a fractional share interest, the underlying investments may not be representative of the particular industry, the HOLDR might be delisted from the AMEX if the number of underlying companies drops below nine, and the investor may experience trading halts.



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## Benchmark Disclosure

### S&P 500 TR

A market capitalization-weighted index of 500 widely held stocks often used as a proxy for the stock market.

## **Appendix 3.Treas.c**

### **SICB Divisional Dues Policy**

In order to accommodate the desire of the Divisions for more autonomy and discretion in the use of funds to support divisional activities, the Finance Committee proposes:

- SICB dues will be increased by \$5 in 2012. This increase will be assessed to all members excluding Life Members and Honorary Members.
- The funds resulting from the increase in dues will be allocated to the Divisions based upon the proportional number of members who have established an affiliation with each Division as of the end of the prior SICB fiscal year (June 30).
- Divisions, including those that already impose divisional assessments, may elect to add an additional assessment to the Society dues set by the Executive Committee.
- The use of these funds will be determined by each Division and controlled by its officers so long as such use is consistent with policies of the Society, acceptable practices for non-profit organizations, and all pertaining legal statutes. Unspent funds will accrue, remaining with the Division, and roll to the next fiscal year.

*INTEGRATIVE AND  
COMPARATIVE  
BIOLOGY  
REPORT FOR 2010*

By Harold Heatwole  
Editor in Chief

## *SICB SYMPOSIA PUBLISHED IN VOLUME 50 (2010)*

- ❖ **S1 – Insights of Early Chordate Genomics: Endocrinology and Development in Amphioxus, Tunicates and Lampreys.** Symposium Organizers: Stacia Sower and Linda Holland
- ❖ **S2 – Metabolism, Life History and Aging.** Symposium Organizers: James Harper and Anne Bronikowski
- ❖ **S3 – Evolutionary Paths among Developmental Possibilities: a Symposium Marking the Contributions and Influence of Richard Strathmann.** Symposium Organizers: Michael Hart, Molly Jacobs, Bob Podolsky
- ❖ **S4 – Mechanics without Muscle: Evolutionary Design of Macrophytes.** Symposium Organizer: Patrick Matrone
- ❖ **S5 – Animal Regeneration: Integrating Development, Ecology and Evolution.** Symposium Organizers: Alexa Bely and Sara Lindsay
- ❖ **S6 – Integrative Migration Biology.** Symposium Organizers: Melissa Bowlin, Isabelle-Anne Bisson, Martin Wikelski
- ❖ **S7 – Advances in Antarctic Marine Biology.** Symposium Organizers: James McClintock, Charles Amsler, Amy Moran, Art Woods, Bill Baker
- ❖ **S8 – Assembling the Cnidarian Tree of Life.** Symposium Organizers: Pauly Cartwright and Marymegan Daly
- ❖ **S9 – Spiralian Development: Conservation and Innovation.** Symposium Organizers: David Lambert and Elaine Seaver
- ❖ **S10 – Marine Ecosystem Engineers in a Changing World: Establishing Links across Systems.** Symposium Organizers: Sarah Berke and Linda Walters
- ❖ **S11 – Contemporary Approaches to the Study of the Evolution of Fish Body Plan and Fin Shape.** Symposium Organizers: Jeff Walker and Rita Mehta

## *NUMBERS OF PAPERS IN 2010 SICB SYMPOSIA*

<b>SYMPOSIUM</b>	<b>PAPERS PRESENTED</b>	<b>PAPERS PUBLISHED</b>
S1	13	11*
S2	10	10*
S3	11	11*
S4	9	One summary paper
S5	10	6
S6	11	9*
S7	13	9*
S8	11	6**
S9	11	7
S10	11	8
S11	12	11*
<b>TOTAL</b>	<b>122</b>	<b>89*</b>
*number includes introductory papers	**speakers combined papers	NOTE: four papers were rejected

## *NUMBER OF AUTHORS BY COUNTRY*

❖	Australia	6
❖	Canada	20
❖	Denmark	8
❖	France	2
❖	Germany	1
❖	Japan	3
❖	Netherlands	3
❖	New Zealand	8
❖	Norway	1
❖	Spain	1
❖	Sweden	16
❖	United Kingdom	13
❖	United States	103

*PROJECTED FOR 2011*

- ❖ **Eleven Symposia --- 106 papers**

## **Educational Council Report**

### **Bob Podolsky, Chair**

The Educational Council has worked on several initiatives leading up to our annual meeting in Salt Lake City. (1) The 3<sup>rd</sup> speaker in our revived John A. Moore Lecture series will be Dr. Scott Freeman, who will talk about his research on student learning. (2) Forty-two undergraduates who will present posters in the regular poster sessions will display them as well on the first night near the registration area, as a way of highlighting their diverse contributions to the society. (3) In consultation with Ruedi Birenheide, the SICB webmaster, we have been developing a mechanism for generating a course website database, which would allow members who currently teach or are planning to teach similar courses to more easily share ideas and materials. (4) Pending interest from the SICB Executive Committee, we have been talking about a Grand Challenges in Organismal Education workshop. (5) We are discussing how to better facilitate networking among faculty who serve as research mentors for undergraduate students, primarily from PUIs.



## **Student/Post-Doc Affairs Committee Report**

### **Peggy Biga, Chair**

We are hosting a workshop on why mentorship is important at all levels of science and will be held Thursday from 6:30-8:30 pm. This workshop will explore how to set up successful mentorships, why they are important, what to look for, how to be a good mentee, identifying a bad mentorship and how to exit that relationship, and how to approach a mentor or a mentorship. Three panelists will be present to offer their expertise in mentorship roles and relationships: Dr. Wendy Reed, North Dakota State University; Dr. Jon Harrison, Arizona State University; and Dr. Bruno Pernet, California State University, Long Beach.

We will have a sign-up sheet for students/postdocs to identify whether they are interested in gaining new or more mentorship through SICB. They will identify their current location and discipline.

In addition, I was interested in how new members are appointed to the committee and we discussed how postdoc members could retain their membership on the committee even after they have acquired a faculty job so to finish out the year.

The SPDAC committee was given the charge to reevaluate the careers page of the SICB website. I have had several people send me comments and these will be discussed at the SPDAC committee meeting and passed along back to the exec committee.

## Student Support Committee Report

### Sheila Patek, Chair

The Student Support Committee received a total of 128 proposals with 110 submitted to the Grants In Aid of Research (GIAR) and 18 submitted to the Fellowship for Graduate Student Travel (FGST). We awarded 2 FGST and 27 GIAR. We introduced a number of new improvements to the review and application process to streamline the system. Most recently, we developed a new website for the GIAR and FGST: <http://sicb.org/drupal/>. This site gives more flexibility for including announcements, posting FAQ's and also for the reviewers to actively participate in the behind-the-scenes review process. The deadline for 2010 was October 15, and the winners will be announced at the Salt Lake City SICB meeting.

### Fellowships for Graduate Student Travel

Casey A. Gilman, University of Massachusetts Amherst  
Alexander R. Gunderson, Duke University

### Grants in Aid of Research

Elizabeth Becker	University of Wisconsin-Madison
Abigail Cahill	Stony Brook University
Ondi Crino	University of Montana
Sonia Diaz	University of California, Riverside
Sarah Fitzpatrick	Colorado State University
Jennifer Henderson	University of Missouri
Nicholas Herold	University of California, Davis
Luke Hoekstra	Indiana University
Aaron Kampe	UNC Charlotte
Lisa Komoroske	University of California, Davis
Christopher Laumer	Harvard University
Andrea Liebl	University of South Florida
James Lunden	Temple University
Julia Maki	Washington University in Saint Louis
Heather More	Simon Fraser University
Jenny Ouyang	Princeton University
Kimberly Pegram	Arizona State University
Jennifer Phillips	University of California-Davis
Brittany Sears	University of South Florida
Kausalya Shenoy	University of Kentucky
Johanna Varner	University of Utah
Rachel Walsh	University of California-Berkeley
Jason Warner	California State University, Northridge
James Waters	Arizona State University
Jonathan Whitney	University of Hawaii at Manoa & HIMB
Mary Wright	University of California, Berkeley
Da-Jiang Zheng	Oklahoma State University

## **Public Affairs Committee Report**

### **Jake Socha, Chair**

Media Workshop in Salt Lake City.

You've spent endless hours sweating in the lab and field, but how do you communicate your ground-breaking results to the broader public? This workshop aims to help you learn and refine skills for getting your message out. Topics include how to find the right media outlet, discovering what journalists are really looking for, and how to best work with your university press office. This workshop will be led by a diverse and distinguished panel of journalists and a media-savvy SICB member. Carl Zimmer is a science writer who has written many outstanding books with themes in organismal biology and has scores of credits in publications such as The New York Times, Discover magazine, and National Geographic. Lee Siegel is a science writing specialist for the University of Utah Public Relations whose previous work includes time with the Associated Press and experience on a staff that won a Pulitzer Prize for coverage of the Mount St. Helens eruption. Mimi Koehl is not only a prolific and creative biomechanist who has won the MacArthur "genius" award, but is an outstanding communicator whose work has garnered copious media attention.

## **Broadening Participation Committee Report**

### **Cherl Wilga, Chair**

Members attending the Jan 5<sup>th</sup> 2010 morning meeting: Cheryl Wilga (Chair), Patricia Hernandez (past-Chair), Michelle Nishiguchi, Diana Padilla, Larry Riley, Peggy Biga, Joan Edwards, Denise Dearu, Gregory Florant, Rich Satterlie (President), Lou Burnett (Secretary), Brian Tsukimura (Program Officer Elect).

The BPC discussed what the committee could do at future meetings to increase participation. It was also decided that the breakfasts were too expensive to continue and other forums for the meeting should be considered, such as workshops and or a social. It was suggested that a successful grant proposal would give the committee funding to accomplish many goals. A budget of \$16,056 was submitted to support travel to the 2011 SICB meeting, two workshops, a social and travel for a grant writing subcommittee. Scottie Henderson joined the committee this year and Jennifer Burnaford is currently a consultant who will join the committee next year. Terms are for three years with at least one local committee member for future meetings.

A budget of \$13,164 was approved for the 2011 year. We will support registration for 10 local students (\$1260), travel for non-local underrepresented group members (\$6126), one student and one faculty lunch workshop (\$2860), and a diversity social (\$2160) for the 2011 SICB meeting. Additional funds for the 2010 year were approved for committee members to meet and write a grant proposal for broadening participation within the SICB (\$4000).

Several undergrads, graduate students and faculty met at the brown bag lunch on Jan 5<sup>th</sup> to discuss issues affecting underrepresented groups and what the broadening participation committee could do to improve participation. Several workshops topics were discussed and a social event was recommended. An application form for BPC travel awards was prepared and distributed that would provide travel support for up to \$500. Based on the suggestions from attendees at the brown bag lunch, the topics for the two 2011 SICB-BPC workshops are “How to have a life and be an academic” organized by Greg Florant and “Issues facing new faculty” organized by Denise Dearing. A Diversity Social event will also be held at the 2011 meeting.

Michelle Nishiguchi, Brian Tsukimura and Cheryl Wilga met in Albuquerque N.M. for three days in June 2010 to work on the grant proposal. We drafted a two page outline of a five year plan to broaden participation in SICB that included self-identification data from the 2010 meeting registered members. The outline for the five year strategic plan (\$100,000/year for 5 years) was submitted to the NSF on July 9<sup>th</sup> 2010. The next step is submission of full proposal based on the new program solicitation, which should happen in mid-late fall 2010.

This is an exciting time as we are now a recognized committee with a budget to move forward with plans for increasing participation within the SICB.

## **Division of Animal Behavior (DAB)**

### **Marilyn Ramenofsky, Chair**

#### **Officers:**

As of January 2010, Marilyn Ramenofsky took over the chairpersonship from Tom Hahn and we wish to acknowledge all his efforts during the period of his leadership. He was instrumental in soliciting proposals for symposia from the division members and helping to secure NSF funds to support these colloquia during 2010 and 2011 meetings. Sarah Humfield's tenure as program office is coming to a close in January 2011. Three outstanding candidates were in the running for this slot: Drs. Nicole Perfito, Keith Sockman and Alison Welch. Alison will be taking over the position at the end of the Salt Lake Meeting. We wish to welcome Alison and thank Sarah for her outstanding contributions to the DAB. The Secretary position is currently held by Jordanna Sprayberry until the end the January meeting 2012. We will be soliciting candidates for this position in the coming year. The Graduate Student Representative position has been held by Zach Stahlschmidt that concludes at the end of the January meeting. We are pleased to announce that Justin Henningsen is the newly appointed representative. Welcome aboard Justin.

#### **Student Awards:**

At the 2010 meeting the DAB was regaled with many excellent presentations that made for a very tight competition. The best student presentation was awarded to Justin Henningsen from the University of Massachusetts, Amherst, under the tutelage of with Dr. Duncan Irschick. Justin's title: *Performance prevails over signal size during staged dominance encounters between male green anole lizards"*

The best poster was awarded to Bret Pasch working with Dr. Steven Phelps, University of Texas, Austin, His title: *Androgens activate advertisement songs of Neotropical singing mice (Scotinomys)*. Congratulations to both.

#### **Sponsored Symposia:**

The DAB has committed support to the following symposia for the 2010 and 2011 meetings:

##### **2010**

Integrative Migration Biology, organized by Melissa S. Bowlin, Isabelle-Anne Bisson, and Martin Wikelski. This symposium resulted in a Grand Challenges contribution: *Grand Challenges in Migration Biology Integrative and Comparative Biology*, doi:10.1093/icb/icq013

Identifying the Architectures that Regulate the Development, Function, and Evolution of Fish Body & Fin Shape: a Truly Grand Challenge organized by Jeff Walker

##### **2011**

I've Got Rhythm: Neuronal Mechanisms of Central Pattern Generators, organized by D. McPherson

Neural Determinants of Eco-logical Processes from Individuals to Ecosystems, organized by C. Derby and R. Zimmer

Environmentally-Cued Hatching Across Taxa: Embryos Choose A Birthday. organized by K. Martin

The Biomechanics and Behavior of Gliding Flight, organized by R. Dudley.

A synthetic approach to the response of organisms to climate change: The role of thermal adaptation, organized by M. Sears.

**Grand Challenges:** The DAB is represented in this effort with the publication of Sih, Stamps, Yang, McElreath and Ramenofsky (2010) *Grand Challenges: Behavior as a Key Component of Integrative Biology in a Human-altered World*, ICB doi:10.1093/icb/icq148. This piece addresses the issue that one of the major challenges in biology is to understand the connections between an organism and its environment. The basic point made is that behavior resides in the central core of this association as it affects and is affected by development, physiology, ecological dynamics, environmental choice, and evolution.

## **Division of Comparative Endocrinology (DCE)**

### **Mark Sheridan, Chair**

1. We are pleased to announce that Professor John Wingfield , University of California-Davis , will be presenting the Howard A. Bern Lecture. The title of his presentation is “Putting the brakes on reproduction. Implications for conservation? Global climate change?”
2. Professor Howard Bern celebrated his 90<sup>th</sup> birthday on January 30, 2010. A surprise party was held in his honor at the UC Berkeley Faculty Club. An e-card signed by some 90 DCE members was presented to Howard at the party. He was genuinely touched by all of the well wishes. Thanks go to our division secretary, Mary Mendonca, for her Herculean effort to organize the e-card project.
3. The Bern Lecture Endowment Fund was established in 2010. So far we have received contributions totaling \$7590.
4. DCE conducted a member survey. Several points emerged from the survey: 1) many respondents also affiliate with the divisions of animal behavior, comparative physiology and biochemistry, and ecology and evolution, 2) the research of most respondents is directed at the organismal and ecological/environmental levels, 3) attendance of the annual meeting is influenced by the location of the meeting as well as by the time of the meeting, symposia topics, and the diversity/integrative nature of the program, and 4) while most respondents feel that organismal and ecology/environmental levels are most represented in the meeting, there is interest in expanding program offerings at the genomic, molecular, and systems levels.

These observations provided the division with a sense of its current strengths, and suggested where there are opportunities to expand participation in DCE and the SICB annual meeting. For example, there should be continues emphasis on integration, and have program offerings in organismal, behavioral, and ecological/environmental endocrinology, but at the same time, the division should expand program opportunities at other scales. To this end, the division is initiating focus-type oral sessions in genomic, molecular, and systems endocrinology, and to integrate these scales into other sessions as well.

5. DCE has 59 contributed papers/posters. There is one focused-contributed session aimed at expanding the number of papers in genomic, molecular, and systems endocrinology on hormonal control of osmoregulation organized by Sue Edwards. DCE is co-sponsoring with DEE the symposium entitled “Bridging the Gap between Ecoimmunology and Disease Ecology.”
6. There are about 30 students participating in the DCE Best Paper competitions (oral and poster). Dr. Joe Castro , Illinois St. Univ., is chair of the judging committee.

7. The best oral paper is named the “Aubrey Gorbman Best Paper Award.” This year DCE will name the best poster award. Rosemary Knapp is chairing the naming committee.
8. *General and Comparative Endocrinology* is celebrating its 50<sup>th</sup> anniversary along with its 50<sup>th</sup> year of affiliation with SICB (formerly ASZ)/ in 2011. Please see the celebration poster exhibited in the poster hall.
9. Upcoming endocrine-related meetings include the following:
  - a. Endocrine Society Annual Meeting, Boston, MA, June 4-7, 2011
  - b. Society of Behavioral Neuroendocrinology, Querretaro, Mexico, June 23-25, 2011
  - c. 7<sup>th</sup> international Symposium on Amphibian and Reptilian Neurobiology, Ann Arbor, MI, July 14-17, 2011
  - d. North American Society for Comparative Endocrinology, Ann Arbor, MI, July 14-17, 2011
  - e. Society for the Study of Reproduction, Portland, OR, July 31-Aug 4, 2011



## **Division of Comparative Physiology and Biochemistry (DCPB)**

### **Jim Hicks, Chair**

In the spring, the divisional business focused on a review of the 2010 meeting in Seattle, with a summary of the various award winners, biographies of divisional members running for office within the division, and a brief overview of the divisional business meeting. In addition, various meetings and conferences that would be of interest to our membership were announced.

An election was held, and the division announced Don Mykles, is the DCPB Chair-Elect and will serve 2012-2013. In addition, Kristin O'Brien is the DCPB Program Officer-Elect, whose term will last from 2011-2012.

Our current divisional Program Officer, Kathy Dickson, met with counterparts from other divisions in the spring, and plan the meeting in Salt Lake City. Kathy informed our membership that the Salt Lake City meeting has 1123 abstracts submitted, making the SLC meeting the 3<sup>rd</sup> largest on record. Kathy announced that DCPB members submitted approximately 130 abstracts, including 55 talks and 70 poster presentations, plus symposium and symposium-related talks. Of these, student members who wish to be considered for the DCPB Best Student Paper awards submitted 65 abstracts.

In addition to the standard Divisional business, the Chair, Program Officer and Secretary, held several phone conferences late summer-early fall, and developed the application criteria for travel grants for the 8<sup>th</sup> International Congress of Comparative Physiology and Biochemistry (ICCPB), which will be held in Nagoya Japan, May 31-June 5 2011. The Division is able to offer travel grant, up to \$1000 each for attending the meeting. The travel grant program was announced to the membership in the fall newsletter, with a submission deadline of Feb 1, 1011.

Finally, the division announced to the membership the symposia for the SICB meeting to be held in Charleston in 2012, and announced a call for symposia for the societal meeting to be held in San Francisco in 2013.

## **Division of Ecology and Evolution (DEE)**

### **Michele Nishiguchi, Chair**

DEE highlights:

DEE will be co-sponsoring five symposia at the 2011 Salt Lake City SICB:

1. Speciation in Marine Organisms.
2. Neuroecology: Neural Determinants of Ecological Processes from Individuals to Ecosystems.
3. Bridging the Gap Between Ecoimmunology and Disease Ecology.
4. A Synthetic Approach to the Response of Organisms to Climate Change: the Role of Thermal Adaptation.
5. Environment, Energetics and Fitness: a Symposium Honoring Donald W. Thomas.

Chair elect Art Woods will be taking the helm at the 2011 meeting and Michele “Nish” Nishiguchi will be stepping down. Nish will be concentrating her efforts on the Broadening Participation committee (headed by Cheryl Wilga) to help promote diversity within the society, as well as applying for resources to fund workshops and students, postdocs, and faculty to attend the annual meetings.

Michael Finkler will be stepping down as DEE Secretary, and Aaron Krochmal will be keeping our newsletter up to date starting 2011. DEE will need to look for a new postdoctoral representative for the next term.

DEE social this year will be held jointly with DIZ, AMS, and TCS on Wednesday, January 5<sup>th</sup> at 6:15 PM.

## **Division of Invertebrate Zoology (DIZ)**

**Dianna K. Padilla, Chair**

### **January 2010 Meeting in Seattle**

#### *Symposia*

At the meeting in Seattle in January 2010, DIZ sponsored a five excellent symposia, each of was published in *ICB*. Two symposia were society-wide, *Evolutionary Paths among Developmental Possibilities: A Symposium Marking the Contributions of Richard Strathmann*, and *Advances in Antarctic Marine Biology*. Both symposia were very well attended and lived up to their billing of broad interdisciplinary interest. The other three symposia cohosted by DIZ included *Animal Regeneration: Integrating Development, Ecology, and Evolution*, *Marine Ecosystem Engineers in a Changing World: Establishing Links across Systems*, and *Assembling the Cnidarian Tree of Life*. They too, were also very successful. The symposium on *Assembling the Cnidarian Tree of Life* was highlighted in an article in *Science*.

#### *Best Student Presentations*

Ben Miner was the chair of the best presentation awards.

DIZ award winners included: Collin Johnson (Harvard University) for Best Student Oral Presentation, Christopher Laumer (Harvard University) for Best Student Poster, and Fernanda Oyarzun (University of Washington) for the Adrian M. Wenner Strong Inference Award. Honorable mention was earned by Leah Sloan (California State U. Long Beach) for best poster, and Erin Meyer (UC Berkeley) for both best presentation and the Wenner Strong Inference Award.

Ben Miner has stepped down from being chair of this committee, and Beth Davis-Berg will be organizing the DIZ judging at the 2011 meeting in Salt Lake City.

#### *DIZ Budget*

At the DIZ business meeting in Seattle, attendees voted unanimously to request that the Chair request that the Executive Committee reconsider how divisional budgets are controlled. At present DIZ has no discretionary money, and can no longer pay for student membership of award winners as they have in the past. Although the request that this item be on the agenda for the executive meeting was not permitted, it has been requested that this item be discussed at the Executive Committee meeting in Salt Lake. In addition, the members of DIZ requested that the accounting for the Libbie Hyman Fund, and the donations from the auction in 2009.

### **DIZ Representation on the editorial board for ICB**

Bob Thacker was nominated and approved as the new DIZ representative on the editorial board of *ICB*.

### **DIZ Officers, Committee Members and Elections**

#### *Secretary*

Renaë Brodie finished her term as Secretary of DIZ at the end of the meeting in Seattle. Erika Iyengar assumed role of Secretary and will serve for three years, until the end of the 2013 meeting.

### *Program Chair*

James McClintock will finish his three-year term as the DIZ Program Chair at the end of the meeting in Salt Lake. We held an election in the spring, and John Zardus will be our new Program Officer. His term will begin at the end of the Salt Lake City meeting and will end following the 2014 meeting in San Francisco.

### *Division Chair*

My three-year term as Chair of DIZ will end following the 2012 meeting in Charleston. A nominating committee has been formed to find candidates for DIZ Chair. Ben Miner is the Chair of this committee, with Bruno Pernet and Amy Moran serving as members and will have two nominees in place by January 15. The election will be held in the spring.

### *Graduate Student and Postdoctoral Affairs Committee*

Jann Vendetti was reappointed to serve as the DIZ Graduate Student and Postdoctoral Affairs Committee representative.

### *Libbie Hyman Fellowship*

The Libbie Hyman Fellowship Committee was chaired by Bruno Pernet, and included Will Jaeckle, and John Zardus. They reviewed 10 excellent, qualified applications, and awarded the 2010 scholarship to Des Ramirez of the Department of Ecology, Evolution and Marine Biology, UC Santa Barbara. This year's award was \$1200, which Des used to support a two-month summer stay at the Marine Biological Laboratory to take a course in Neural Systems and Behavior, and to collect specimens for his Ph.D. work in Todd Oakley's lab at UCSB. Jennifer Burnaford is the new Chair of the Libbie Hyman Scholarship Committee. The committee composition includes Jennifer, Will Jaeckle and John Zardus. Jennifer will hold the role of chair for 3 years, with the potential to serve an additional three. The decision was made that an auction to generate more donations for this fund will be held in 2013 at the annual meeting in San Francisco.

### **2011 Meeting in Salt Lake City**

DIZ is sponsoring/co-sponsoring a number of symposia including the society-wide symposium *Speciation in Marine Organisms* organized by M.P. Miglietta, F. Santini and A. Faucci, *Bioinspiration: Applying Mechanical Design to Experimental Biology* organized by B. Flammang, *Environmentally-Cued Hatching across Taxa: Embryos Choose a Birthday* organized by K. Martin, and *Population Dynamics in Crustaceans* organized by J. Buhay. Beth Davis-Berg has taken over the roll of organizing the DIZ judging.

### **Grand Challenges in Organismal Biology**

DIZ remains committed to forwarding the effort to identify and find ways to best answer grand challenge questions. To that end, annual symposia that are forward-thinking and address grand challenge issues are favored for support from DIZ.

## **Division of Neurobiology (DNB)**

### **James Murray, Chair**

In 2010, Rebecca Calisi was awarded best oral presentation "How can stress affect the neural control of reproduction? An examination of gonadotropin inhibitory hormone (GnIH) and glucocorticoid receptors (GR) in songbirds," and the Corina Wack was awarded best poster presentation "Effects of pheromone treatment on gonadotropin-releasing hormone and arginine vasotocin neurons in the brain of a terrestrial salamander."

Dr. Michael Baltzley volunteered to serve on the Nominating Committee for DNB elections. Please send him nominations for officers at [mjbaltzley@smcm.edu](mailto:mjbaltzley@smcm.edu). So far we have three people interested in Secretary—Shaun Cain, Lisa Mangiamele, and Jim Newcomb. Mike Baltzley would be willing to serve as Program Officer. We did not find anyone interested in serving as Chair.

Our new student/postdoc representative is Ms. Darcy Kato Ernst ([darcy.kato@gmail.com](mailto:darcy.kato@gmail.com)), a graduate student at UC Berkeley in the Department of Integrative Biology working with Dr. George Bentley.

We are still planning to offer a free loan of a set of neural recording equipment to one researcher courtesy of ADInstruments (<http://www.adinstruments.com/>). Details will be forthcoming.

The number of neurobiology abstracts submitted for 2011 was lower compared to last year. The number of contributed neurobiology talks is was 16, including some that border naturally with behavior. The number of posters was about 30.

There are two neuro-related symposia in the 2011 program: one on central pattern generators ("I've Got Rhythm") and one on ecological aspects of neurobiology ("Neuroecology"). These symposia are scheduled for Tuesday and Wednesday, respectively.

We have 14 of student posters and talks that were submitted for Best Student Paper (BSP) in the DNB for 2011.

The steering committee of East Coast Nerve Net (ECNN) is excited to announce that the 2011 meeting is scheduled from March 25th to the 27th. Our meeting will take place again this year at the Marine Biological Laboratories in Woods Hole, MA.

## **Division of Vertebrate Morphology (DVM)**

### **Mark Westneat, Chair**

DVM had an excellent and productive year 2010 with two regional meetings, lots of activities at the Seattle meeting, a central role in the NSF Grand Challenges in Organismal Biology initiative, and was well represented at the ICVM meeting in Uruguay. The 2010 SICB meeting in Seattle was excellent and well attended by DVM. We sponsored following symposium in Seattle, organized by Jeff Walker: Identifying the Architectures that Regulate the Development, Function, and Evolution of Fish Body & Fin Shape: a Truly Grand Challenge.

Congratulations to all the students who gave talks and posters in the scientific competitions in Seattle- the science presented by the students was superb. The student award winners in DVM were:

D. Dwight Davis Award for Best Student Paper in the Division of Vertebrate Morphology: **Angela Berg** from Harvard University for her work on **Mechanisms of takeoff and landing flight**.

Best Student Poster Award in the Division of Vertebrate Morphology: **Anna McGregor** of Duke University for her research entitled **Finding the window of energetic opportunity: traveling North Atlantic right whales use dive depths that avoid surface drag**.

We also recognized two students with Honorable Mention awards in the Davis competition, as it was just that close a decision.

Terry Dial: Precocial hindlimbs and altricial forelimbs of developing Mallard ducks: A study of locomotor performance and morphometrics.

Sharlene Santana: Mechanisms of bite force production and their relationship with diet in Neotropical leaf-nosed bats.

Congratulations to all the students for presenting such great science at SICB!

Also in Seattle we had several offices change hands. Many thanks to Jeff Walker for his heroic efforts as our Program Officer over the past 4 years, and thanks to Rick Blob for taking over as our new PO. We all owe Gary Gillis our thanks as well for his service to the division as Secretary, keeping things running smoothly for us. Lara Ferry is our new Secretary, and has hit the ground running nicely. As for the Chair (I prefer Captain, actually), I am a bit of a lame duck and will hand the helm over to Kiisa Nishikawa in Salt Lake City.

Two highly successful regional meetings were held in 2010- a southeast regional meeting at Virginia Tech University and a northeast regional meeting at Harvard University. DVM was active in the development of the NSF Grand Challenges initiative, with Kurt Schwenk and Mark Westneat joining several conference calls in the Spring, and Kurt taking the lead on the first and widely read grand challenges paper for Integrative and Comparative Biology.

The main news is about other interesting meetings focused on our area, with a hugely successful ICVM-9 meeting held in July in Punta del Este Uruguay. There were plenary talks by DVM members Melina Hale and Peter Wainwright (among others), and symposia on topics ranging from evolution and development of the vertebrate ear, to development and morphology in various taxa and systems, vertebrate gigantism, computational reconstruction and x-ray motion analysis. Apparently, the science, the location and the banquet were all fantastic!

Plans for SICB in Salt Lake City are going well with DVM involved in three symposia: Synthesis of Physiologic Data from the Mammalian Feeding Apparatus Using FEED, the Feeding Experiments End-User Database, organized by S. Williams; Bioinspiration: Applying Mechanical Design to Experimental Biology, organized by B. Flammang; and The Biomechanics and Behavior of Gliding Flight, organized by R. Dudley.