



## Division of Invertebrate Zoology

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### DIZ Officers & Representatives

**Dianna K. Padilla**  
Chair 2009-2012

**Janice Voltzow**  
Past Chair 2009-2011

**Erika V. Iyengar**  
Secretary 2007-2010

**James B. McClintock**  
Program Officer 2008-2011

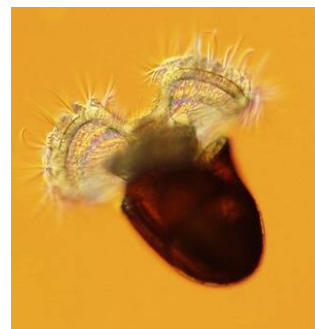
**Jann Vendetti**  
Student/Postdoc Rep. 2008-2011

**Bruno Pernet**  
Libbie Hyman Memorial Scholarship Committee Chair

**Robert W. Thacker**  
ICB Editorial Board Representative 2010-2015

### Message from the Chair

*Dianna Padilla*



Veliger Larvae

Dear members of DIZ

Happy Spring! – well, almost spring. Those of us in the Northeast are still suffering far too much winter and snow. But, spring promises to be on its way.

### *Meetings*

Our meeting in Seattle was one of the largest we have ever had. Seattle was the perfect venue for the record number of wonderful talks and posters, as well as very exciting symposia. We sponsored a record number (five) of excellent symposia, each of which will be published in our journal, *ICB*. We also hosted a wonderful social to toast Richard Strathmann in his retirement. It was a great party. If you missed wishing Richard well, please come to the meeting in Salt Lake. Richard is organizing a symposium with Karen Martin on hatching. It is one of four great symposia we will be sponsoring at that meeting.

Congratulations to the winners of the best student presentations and posters! Our expert team of judges led by Ben Miner had a difficult time this year selecting among a very excellent array of presentations. Please join me in congratulating the winners! This year Ben also started a new DIZ tradition. He made a poster honoring the winners from the Boston meeting, which was displayed for all to see. I think this is a great way to draw attention to the talented young scientists who have won awards, as well as recognition of the great science done by members of DIZ. Please look for this poster at future meetings, and congratulate



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the past winners!

It is never too early to think about symposia for future meetings. The deadline for symposium proposals for the 2011 Charleston meeting is approaching (August 16, 2010). If you have an idea for a symposium, please discuss it with Jim McClintock, our Program Officer, early. He can help guide you, and help you produce a symposium proposal that will be competitive within the society as well as for DIZ funds. We have made an [information sheet](#) that is available on the DIZ web site regarding trying to obtain funds for symposia, especially from the NSF. Please let us know if you have any questions and especially if you have suggestions from your past experience that we can incorporate that will help future symposium applicants.

For the Salt Lake meeting, consider organizing a mini-symposium, or organized set of contributed papers around a single theme. This can provide an excellent opportunity for identifying new, exciting topics, as well as a venue for in-depth discussion by experts. Again, Jim McClintock is the person to talk with (when he is back in this hemisphere). He is the person who can organize such contributions in the program.

### *Changing of the Guard*

Each of the three elected officers of DIZ serve a three year term. They are staggered so that each year we have one new officer, and each year we have an election for the officer whose term will end after our next meeting.

Many, many thanks to Renae Brodie, who has done a superb job as our secretary for the past three years. Renae has been the keeper of our records, the up-keeper of our by-laws, and has been in charge of the newsletters. Renae finished her term after the meeting in Seattle, and

has now passed the baton to Erika Iyengar (newly tenured and new mom of twins!). Please join me in welcoming Erika!

Jim McClintock has been serving us well as program officer. He has ably guided many excellent symposia and contributed papers and posters into the program, and has ensured that DIZ is well represented in the program. This is his last year as our Program Officer; his term will end at the end of our meeting in Salt Lake. This means we are going to have an election. We have two excellent candidates who have agreed to run for this very important office - Jon Allen and John Zardus. Please see their information and statements in the newsletter, and be sure to vote!

Many thanks also to Ben Miner who has run our best student paper and poster judging at the annual meetings. Beth Davis-Berg has kindly agreed to step into this role for our next several meetings. Beth has served on this committee in the past, and is ready to take the helm. I am sure you all will be hearing from Beth regarding judging talks in Salt Lake!

Bob Thacker is the new DIZ representative on the editorial board for our journal, *ICB*. With our new editor and publisher, our journal is doing exceptionally well. We now not only have a new look, our journal is published on time and has a solid and increasing impact factor. The editorial board now has more input in the journal, and I am sure Bob will represent DIZ well.

### *Grand Challenges*

As most of you know, our society has been leading the dialog on identifying the Grand Challenges of Organismal Biology, and we have published a series of essays on the topic over this past year. Additional essays will appear this year. If you have an idea for such an essay, or if you feel that



there is some big area that has not been covered, please let me know.

At this year's meeting, the dialog regarding grand challenges continued. Our meeting was used as the venue for an NSF-funded workshop led by Brian Tsukimura, our new society Program Officer, that included the leaders of many professional societies that deal with various aspects of organismal biology. This workshop focused on what is needed to implement the Grand Challenges of Organismal Biology - what do we need to begin to address these big questions. There were a number of presentations and lively discussions. This first meeting was one of a series of meetings and discussions that will be held across the country over this year. It is clear that this will be, and should be, an on-going process, that promises to be exciting for the society. I encourage you to visit the SICB web site and view the presentations that were given.

In our effort to keep DIZ forward thinking and pushing the forefront of our fields, future meeting symposium proposals that address grand challenge issues will be favored for support. I know that both Jim McClintock and I would also like to see some mini-symposia organized around a grand challenge for the Salt Lake City meeting. So, let us know your ideas!

### *New Ideas for DIZ?*

Do you have ideas of what you would like to see DIZ do? Is there something we could or should be doing, or an issue on which we should take leadership? In Seattle, some suggestions were made that DIZ could take more of a leadership role in providing a venue for teaching materials for Invertebrate Biology courses. We could also be the focal point for highlighting the use of invertebrates as models for studying a variety of current issues, from indicators of pollution to sentinels of climate change. Please, let me know your suggestions!

Happy Invertebrates!

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## Message from the Program Officer

*James McClintock*



Jim and leopard seal "friend" in Antarctica

Cheers from Palmer Station on the Western Antarctic Peninsula! The January 3-7, 2010 SICB meeting held at the Sheraton Seattle Hotel was a big success. What a great city, and you couldn't beat the convenience of having the convention center across the street from the hotel. Moreover, the lay-out of the presentation rooms and poster venue in the grand ballroom really worked this time around. We co-hosted five great symposia. The two that were society-wide, *Evolutionary Paths among Developmental Possibilities: A Symposium Marking the Contributions of Richard Strathmann*, and *Advances in Antarctic Marine Biology* were both very well attended and certainly lived up to their billing of broad interdisciplinary interest. The other three symposia co-hosted 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 latter of these three symposia,





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*Assembling the Cnidarian Tree of Life*, attracted the keen interest of a science reporter and resulted in a superb overview article in the top journal *Science*. Way to go!

Outside of co-hosting symposia, DIZ members attended, participated in, and provided leadership for the *Implementation of the Grand Challenge* workshop held in Seattle. Here, representative invited panelists provided provocative and intriguing insights into what they felt their particular disciplines would like to see become the focus of key directions of future research. The leadership of SICB should be commended for working with NSF in a consensus-building process to construct a pathway to facilitate NSF in making informed decisions for future funding in organismal biology. On the social front, DIZ co-hosted a social with DEE and ASB that joined in the celebration of the career of Richard Strathmann. The food didn't last long enough, but a good time was had by all. Most importantly, it was a fitting celebration of an individual that has touched the lives and careers of so very many students and colleagues affiliated with DIZ. Even better, there are no signs that Richard will be slowing down anytime soon.

Salt Lake City, Utah will be home to the next SICB conference to be held January 3-7, 2011. DIZ will be co-hosting four timely symposia including 1) *Bioinspiration and mechanical design*, 2) *Speciation in marine organisms*, 3) *Environmentally induced hatching across taxa*, and 4) *Population dynamics in Crustacea*. Be sure to tune back in for my Fall 2010 DIZ Newsletter, when I will update you about these exciting Salt Lake City symposia. Moreover, by then, with the late September 2010 Program Officers Meeting in Salt Lake City under my belt, I will be in a position to give you my personal impressions of the venue for our 2011 meeting in Salt Lake City!

As they say here in Antarctica - stay warm and keep an eye out for leopard seals!

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### Message from the Secretary

Erika Iyengar



Future DIZ malacologists

Hello and happy spring! First, thank you to Renae Brodie for an excellent job as the Division's Secretary and for showing me the ropes (or rather the computer keys?). I hope to continue her good work. I am sorry that I missed seeing all of you in Seattle, but my evolutionary fitness decided to increase sooner than expected and in a larger leap than originally anticipated (which is geek-speak for "I gave birth to premature twins in late December"). I am looking forward to introducing them to their DIZ family next January. As Dianna Padilla noted above, Jim McClintock is finishing his term as Program Officer and there will be an election this spring. This position is very important for the Division, as the Program Officer is responsible for both generating good symposium proposals from our membership, and for working with the Divisional Chair to select the symposia our Division will support. The Divisional Program Officer also works with the Society Program Officer to put together



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the full Program for each annual meeting. Jon Allen and John Zardus have graciously agreed to run in the election; you can read their candidate statements below, at the end of the newsletter. There will be an electronic vote later this spring. I would like to thank Ben Miner, Vicki Pearse, and Bruno Pernet for acting on the nominating committee to garner names for the election. If you were unable to attend the DIZ business meeting, you may want to read the minutes below for information on developing and funding symposia, NSF funding priorities, and other important items. Finally, do you do cool research on fantastic animals? Of course you do! Let people know more about it by posting a picture and paragraph describing your research on the Researchers Database. Think of it as Facebook for Invertebrates! Please send any submissions to me at [iyengar@muhlenberg.edu](mailto:iyengar@muhlenberg.edu).

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### Message from the Graduate Student - Postdoctoral Affairs Committee Representative

*Jann Vendetti*



Jann looking through the UCMP modern gastropod collection

I hope that you enjoyed the Seattle meeting and attended one or more of the DIZ-sponsored symposia: Antarctic Biology, Cnidarian ToL, Animal Regeneration, Ecosystem Engineers, and the sessions on development and larval biology in honor of Richard Strath-

mann. What an impressive collection of symposia and speakers!

Congratulations to all student presenters, especially this year's DIZ award winners: Collin Johnson (Harvard University) for Best Student Oral Presentation, Christopher Lau-mer (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 (Cal State U. Long Beach) for best poster and Erin Meyer (UC Berkeley) for both best presentation and the Wenner Strong Inference Award. Nicely done! Don't forget that you may be eligible to apply for SICB funding for research and travel. Check out the awards and deadlines at <http://www.sicb.org/students/awards.php3>.

Thanks to Dr. Larry Riley for bringing together a talented and candid group of speakers for the student/postdoc workshop, "Careers outside of Traditional Academia." Panelists Ian Sherman, Molly Jacobs, Mark Westneat, Jennie Hoffman, and Bill Zamer emphasized risk-taking, intellectual flexibility, and strong communication skills, among other qualities, as necessary for transitioning into non-academic positions in museums, government, and publishing. For more resources on this topic, a good place to start is the Chronicle of Higher Education <http://chronicle.com/search/> - try searching "careers outside of academia." For those of you on the academic track, SICB's postdoc and job listings can be found at: <http://www.sicb.org/jobs.php3>.

I welcome your feedback on the Seattle meeting and encourage suggestions for student/postdoc activities that you would like to see in Salt Lake City (SICB 2011) and other future meetings.

Very best wishes for a productive year of research.





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### Message from the Student Awards Committee Chair

Beth Davis-Berg

Thanks to everyone who came to Seattle this year, it was a great meeting with many excellent student presentations. A special thank you to all the students who presented! I would like to thank the 51 volunteer judges for their time and commitment to the students. This number represents the most judges, by far, that we have ever had. I would also like to thank Ben Miner, the outgoing chair of the Student Awards Committee for his service. This year 25 students competed for best student paper. And the winners are:

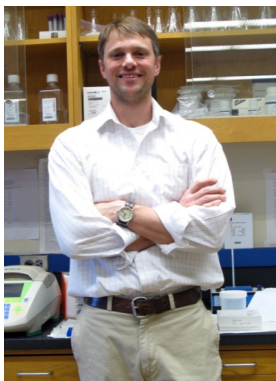


Beth, literally in the field

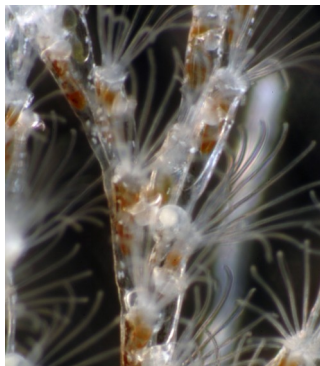
Best oral presentation

Winner

Collin Johnson: "Effects of selfing on offspring survival in the marine bryozoan *Bugula stolonifera*"



Collin Johnson



Close up of a *Bugula stolonifera* colony cultured in isolation. Note filled brood chambers, evidence of selfing.

Runner up

Erin Meyer: "Population structure of a snail caught in a matrix of culture, economics, and political geography"



Erin Meyer measuring a *Cittarium pica* being eaten by a predatory snail at Pointe Burgos, Martinique



Erin at Long Pond Bay, Anguilla, searching for *Cittarium pica*

Best Poster presentation

Winner

Christopher Laumer: "Insights into the Kytorhynchidae ("Typhloplanoida": Platyhelminthes) from the marine sediments of Sardinia"



Christopher Laumer



An undescrbed *Kytorhynchus* sp. from the coarse marine sediments of Sardinia, seen in interference contrast

Runner up

Leah Sloan: Kilometer-Scale Spatial Variation in Prevalence of the Rhizocephalan *Lernaeodiscus porcellanae* on the Porcelain Crab *Petrolisthes cabrilloi*



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Leah Sloan



The porcelain crab *Petrolisthes cabrilloi* with an externa of *Lernaeodiscus porcellanae* on its abdomen

### Adrian M Wenner Strong Inference Award

#### Winner

Fernanda Oyarzun: Empirical evidence of familial conflict in the sea



Fernanda Oyarzun



Larva of *Boccardia proboscidea*

#### Runner up

Erin Meyer: Population structure of a snail caught in a matrix of culture, economics, and political geography

Please join me in congratulating these outstanding students. I look forward to seeing you all at the next meeting in Salt Lake City!

### Message from the Libbie Hyman Scholarship Selection Committee Chair

Bruno Pernet

Applications for the 2010 Libbie Hyman Memorial Scholarship were due on 5 March 2010. The committee (myself, Will Jaeckle, and John Zardus) made quick work of reviewing this year's 10 excellent applications, and are pleased to announce that the 2010 scholarship is being awarded to Des Ramirez (Dept. of Ecology, Evolution and Marine Biology, UC Santa Barbara). Des will use the funds -- \$1200 this year -- to support a two-month stay at the Marine Biological Laboratory in summer 2010 to take a course in Neural Systems and Behavior, and to begin to collect specimens for his PhD work in Todd Oakley's lab at UCSB. He plans on studying the function and evolution of dermal photoreceptors in cephalopods. We congratulate him, and thank everyone for applying.

I have greatly enjoyed my time on this committee (2007-2010); working with Sid Bosch (in my first year) and Will and John has been a pleasure. DIZ chairs Janice Voltzow and Dianna Padilla, SICB Secretary Lou Burnett, Brett Burk, and especially our incredibly efficient webmaster Ruedi Birenheide have been extremely helpful. As I step down as chair, I welcome Jennifer Burnaford to the committee. She and continuing members Will and John will be responsible for awards starting in 2011.

One of our continuing goals is to increase the number of awards that can be routinely given out to two per year, so we encourage you to contribute to the Scholarship Fund. Click on Donate to SICB on the SICB home page ([www.sicb.org](http://www.sicb.org)) or send donations to:

SICB Business Office  
Libbie H. Hyman Memorial Scholarship Fund  
1313 Dolley Madison Blvd., Suite 402  
McLean, VA 22101





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Checks should be made payable to SICB and marked as a "Contribution to the Libbie H. Hyman Memorial Scholarship Fund." All contributions are tax deductible. Thanks for your help!

### **Minutes of the DIVISION OF INVERTEBRATE ZOOLOGY BUSINESS MEETING, January 4, 2010, Seattle, WA**

Dianna Padilla (DIZ Chair) opened the meeting by requesting motions to approve the minutes of the previous year's meeting. The minutes were unanimously approved. Salt Lake City has been approved for the next meeting and DIZ is sponsoring four symposia: Bioinspiration and mechanical design (Marianne Porter), Speciation in marine organisms (Maria Pia Miglietta), Environmentally induced hatching across taxa (Karen Martin) and Population dynamics in Crustacea (Jen Buhay).

Ben Miner (Student Awards) reported that 50 people volunteered to judge student talks and posters and thanked everyone who participated. Winners for last year's meeting were:

#### Best oral presentation

##### Winner

Dennis Evangelista

##### Runner up

Jann Vendetti

#### Best poster presentation

##### Winner

Katie Marshall

##### Runner up

Eric Campos

#### Adrian M Wenner Strong Inference Award

##### Winner

Katie Marshall

##### Runner up

Cawa Tran

Bruno Pernet mentioned that Dennis Evangelista (Best oral presentation) was the 2008

Libbie Hyman award winner; he used the funds to go to Friday Harbor Laboratories for the biomechanics course, and his winning oral presentation was about a project that he started in that course. Someone else mentioned that Katie Marshall (Best poster presentation) has recently published her work in PNAS. Ben emphasized the ease with which volunteers can select talks online to judge. This is Ben's last year; he introduced Beth Berg (Columbia College Chicago), the new organizer for Student Awards.

Bruno Pernet (Chair, Libbie Hyman Memorial Fund Committee) reported that a large number of students applied for the fund this year: 26 people compared to the 12 or 13 who usually apply. This year the award went to Frederick Larabee who used the funds to study jaw-based propulsion in trap-jaw ants at the Archbold Biological Station in Florida. Dianna Padilla thanked Bruno, who is finishing his term this year. Dianna mentioned that the executive committee would like DIZ to require students applying for the Libbie Hyman award to be division members. Rachel Merz thought this was a bad idea since the point of the award is to draw in students; the fund is there to support brand new scientists. Ben Miner asked how many winners have become members. Bruno replied that he didn't know since membership affiliation is not on the application and is not tracked. Mary Rice emphasized that the fund was set up to bring people into the society and a membership requirement for applicants would not be appropriate. Dianna remarked that the society used to give memberships to winners as part of their award, but is no longer allowed to allot funds to this. She has asked for greater flexibility with funds.

The SICB officers arrived and were introduced: Rich Satterlie (President), Lou Burnett (Secretary), Brian Tsukimura (Program Officer), Eduardo Rosa-Molinar (Past Program Officer), Ron Dimock (Treasurer), and Brett Burk (Executive Director). Rich mentioned that there would be a workshop to discuss the implementation of the "Grand Challenges" from NSF from noon until 3 pm on Wednesday; he





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urged DIZ members to attend. Ron Dimock encouraged DIZ members to attend the society-wide business meeting; he also encouraged members to donate to the Skinner award and other under-supported awards. Vicki Pearse asked why the money raised from the auction in 2009 to support the Libbie Hyman Fund did not appear in the DIZ budget. Brett Burk reassured DIZ members that money from the auction would be applied to the Hyman fund; there was a glitch that needed to be fixed in the budget spreadsheet due to how losses from the stock market were allocated. He also acknowledged that alcohol prices at the Seattle meeting were too high and would be lowered for the social. Brian Tsukimura encouraged DIZ to come up with great symposia for the Charleston meeting and reminded members that the deadline to apply for symposia was in mid-August. Sarah Lindsay asked how the symposium enhancement fund was accessed. Eduardo Rosa-Molinar replied that each symposium submits a proposal and applies for reimbursement. He also mentioned that he is growing the fund by selling web page real estate (advertisements on the annual meeting website).

Vicki Pearse addressed another issue concerning symposium funds: "We are given 2K and the Program Officer must allocate this money by October or it disappears." Furthermore, \$800 is allocated to the social and there is no flexibility. Dianna Padilla would like flexibility so that funds could be distributed after DIZ learns who has received external funding for symposia. Amy Moran (Past Program Officer for DIZ) mentioned that the rules for allocations kept changing during her term and were difficult to track. Jim McClintock (Current Program Officer for DIZ) added that the late breaking symposia did have funds set aside, but that allocating funds was still difficult. Sarah Lindsay said that it is nice to know ahead of time how much the society is willing to give before approaching NSF with a proposal. Rachel Merz reminded members that in the past all divisions received the same level of funding and that money could be moved within a year— from the symposia to the party

if symposia were thin, for example— and from year to year. SICB has tightened up on the rules to fix the egregious budget over-runs that used to occur. Dianna Padilla asked if there was a consensus among DIZ members that more flexibility was in order— at the very least to move funds around within a year. There was general agreement that DIZ members were in consensus.

Dianna Padilla (DIZ Chair) reported that 1600 people registered for the meeting this year and 1700 total are expected with onsite registration. She mentioned that the society was doing well in spite of the economy and encouraged members to fill out the surveys—they have a big impact. She reminded members of the Grand Challenges workshop: "what do we need to do to start answering grand challenges?" she asked. She mentioned that no one from DIZ had submitted an opinion piece related to the grand challenges and that submissions were due in mid-February. Sarah Berke asked when the call for papers had gone out. "Yesterday," Dianna Padilla replied.

Clay Cook (Program Director for Division of Integrative Organismal Systems, NSF) reported that funding rates for IOS were at 24%. IOS was currently running on the fiscal year 2009 budget, but President Obama had signed off on the new budget and funding would increase shortly. Clay announced that BIO would no longer accept 2-page updates to grant proposals since few decisions were changed by these updates. Four million dollars has been awarded to the Life in Transition priority (up from 3.5 million) and this rate will continue through fiscal year 2010 and possibly into 2011. New NSF initiatives include paradigms of biodiversity and ocean acidification. IOS sets aside a pot of money for symposia. Dianna added that serving as a program officer for NSF was valuable for mastering the art of proposal writing. She also noted that SICB needed to increase the involvement of minorities and lags far behind ESA, ASLO, etc. Clay said that NSF really wanted to get behind the push for increasing the participation of under-represented groups.



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Dianna Padilla informed DIZ members that the Education Council wanted to know whether we would like an "education" speaker emphasizing K-12 with every symposium. It was agreed that this would be too difficult to accomplish and instead of mandating an education speaker that symposium participants could incorporate an education aspect into their talks.

Dianna Padilla noted that we need to add tools for teaching invertebrate biology to the DIZ web page. Rachel Merz pointed out that there is a digital library, but that it can't be found by Google because it is embedded in the society web page. "What about an invertebrate zoology wiki?" asked Howie Lasker. Dianna suggested that Howie could chair a committee on that project.

Renae Brodie (Secretary) introduced Erika Iyengar (not present) as the new secretary. She encouraged members to advertise meetings on the DIZ web page and to submit a paragraph that describes their work along with a picture.

Jann Vendetti (Student and Post Doc Representative) noted that the graduate student/postdoc panel in Boston was useful but lacked a female perspective. The topic was "How to Find a Postdoc & How to Apply for an Academic Job" and there were no women among the panelists. Issues particular to women in academia and specifically women landing postdocs and jobs were not addressed. Jann suggested that future panels include women. Jann also suggested that DIZ student and postdoc members start a mentoring program to bring in undergraduates and graduate students of color.

Pat Reynolds (Editor for Invertebrate Biology) noted that the journal is going strong with a 10% increase in submissions. One hundred and twenty-six manuscripts were submitted in the past year, one quarter of these were from the United States. On average, the journal arrives at a decision within 23 days of

submission. Bruno Pernet was introduced as the new editor of IB.

Dianna Padilla said that the division is due for a new Program Officer and a nominating committee was needed.

Sarah Lindsay mentioned a polychaete conference in Italy in June. Other meetings mentioned were: The 2<sup>nd</sup> International Congress on Invertebrate Morphology in Boston, Invertebrate reproduction and development in Prague and the Larval Biology meeting in New Zealand.

The meeting was adjourned.

*Submitted by Renae Brodie*

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### Elections Candidates for Program Officer Position

#### Jonathan D. Allen

**Current Position:** Assistant Professor, Department of Biology, College of William and Mary, Williamsburg, VA

**Education:** B.S. Bates College (1998); Ph.D. University of North Carolina at Chapel Hill (2005); Doherty Marine Biology Postdoctoral Scholar, Bowdoin College (2005-2008).

**Professional Experience:** Assistant Pro-



Jon with his biggest little fan: Simon, age 5 months



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fessor, Department of Biology, Randolph-Macon College (2008-2009); Assistant Professor, Department of Biology, College of William and Mary (2009-Present).

**SICB Activities:** Member (DIZ and DEE) and presenter at SICB Annual Meetings since 1998. SICB GIAR recipient in 2003. Judge, Best Student Presentation (DIZ) 2008-2010.

**Other Memberships:** Ecological Society of America, Society for the Study of Evolution, American Society of Naturalists, Sigma Xi

**Research Interests:** Larval ecology and life-history evolution of marine invertebrates

**Statement of Goals:** As Program Officer, I would endeavor to keep the DIZ at the forefront of the society through our continued leadership in organizing symposia. The DIZ co-sponsored 5 symposia at the 2010 meeting, including the Strathmann symposium, which I was honored to take part in. As a member of SICB since my first year in graduate school, I also appreciate all that we can do to shape the careers of our students. Another goal of mine as program officer would be to enhance undergraduate participation at the meeting by encouraging greater representation of students and colleagues from primarily undergraduate institutions. Our annual meetings are eye-opening experiences for students at all levels, but I believe our efforts to support graduate students and postdocs should be expanded to draw students into our society even earlier in their careers.

### John D. Zardus

**Current Position:** Associate Professor of Biology, The Citadel, Charleston, South Carolina (teaching Marine Biology and Invertebrate Zoology); adjunct faculty member in the Graduate Program in Marine Biology at the College of Charleston.

**Education:** B.S. and M.S. Brigham Young University, Utah, advisor Lee Braithwaite (1988 and 1991 respectively); Ph.D. Northeastern University, Massachusetts, advisor Trish Morse (1998).

**Professional Experience:** Postdoctoral researcher, Ron Etter lab, UMASS Boston (1999-2001) and University of Hawaii, Mike Hadfield lab (2001-2005); subject editor for the international journal *Marine Biology Research* (2005-present).

**SICB Activities:** SICB (and DIZ) member since 1991; DIZ student presentation judge (2007); Libbie H. Hyman student scholarship committee (2008-present).

**Other Memberships:** American Microscopical Society member since 1996 (currently serving as Secretary for AMS); Unitas Malacologica member since 1998; The Crustacean Society member since 2003; International Sea Turtle Society member since 2004.

**Research Interests:** The intersection of ecology, ontogeny, and evolution of marine invertebrates. I am particularly interested in mechanisms of larval settlement



John with one of his big fans





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and am currently exploring the association of barnacles commensal with sea turtles. I am also interested in evolution in the deep sea protobranch bivalves and am part of a collaborative NSF-sponsored grant to assemble the bivalve tree of life.

**Statement of Goals:** I would welcome the opportunity to serve as DIZ Program Officer and return service to an organization which has been important to the development of my career. Recruiting a new generation of members seems to me of paramount importance to the society. As Program Officer I would work to encourage and increase student involvement by advocating for programs that attract and provide visibility for students. I would also work to increase financial assistance to students for participation in annual meetings.