



Society for Developmental Biology 67th Annual Meeting
University of Pennsylvania, July 26-30, 2008

GENERAL INFORMATION

MEETING REGISTRATION INFORMATION

The registration fee for all meeting participants includes: * Lunch (3: 7/27, 7/28, 7/29)

- * Entry to all scientific sessions and workshops
- * Entry to poster and exhibit sessions
- * Program and Abstracts Book
- * Refreshment breaks
- * Opening Reception
- * Program Addendum and Directory
- * Closing reception at Mutter Museum

Registration Rates

	Early (by 5/5/08)	Regular (after 5/5/08)
Member (Full and Postdoc)	\$350	\$450
Student member	\$250	\$300
Non-member	\$450	\$550
Student non-member	\$280	\$330
Extra banquet ticket	\$40	\$40

Meeting registrations may be mailed or faxed to SDB's national office in Bethesda, MD, or submitted electronically via SDB's website (www.sdbonline.org). The early, discounted registration rate is applied to all registrations received by close of business **May 5, 2008** (5 PM East Coast Daylight Saving Time). A regular registration rate will be applied to all registrations received after this date. Pre-meeting registration deadline is close of business **June 27, 2008** (5 PM East Coast Daylight Saving Time). Online registration will not be available after this date. Registrations that arrive by mail after this date will not be processed and they will be returned with a note asking you to register on site in Philadelphia. All early registrants will receive confirmation and receipt for payment by email about two weeks after their registration is received at the national office. Registrants must present their confirmation at the Meeting Registration Desk in order to redeem name badge, Program/Abstracts Book, Directory of Participants, Meeting Addendum and other meeting materials. All payments must be in U.S. dollars, either by credit card charges or checks drawn on a U.S. bank. Rates and payment instructions are on the enclosed Meeting Registration form. [Paper registration form](#) is included in this packet. Please copy forms if necessary. Receipt deadline is **June 27, 2008**.

ELECTRONIC MEETING REGISTRATION

The meeting participant may choose to register electronically via a secure site hosted by FASEB if payment is made by one of the following credit cards: VISA, MasterCard, American Express, or Discover.

1. Go to: <https://secure.faseb.org/sdbonline/Meetings/AnnualMeeting/tabid/136/Default.aspx>.
2. Read **all instructions before** completing the form.
3. Please note you must be a current member to be eligible for the lower member rate. Please contact SDB during office hours if you forget your ID number at (301) 634-7815 or sdb@sdbonline.org. Please note that membership renewals usually take 2 business days for processing and uploading to the database.
4. Complete the form as instructed, review and submit. **DO NOT DOUBLE CLICK.**
5. **Wait** for acknowledgment of receipt of submission. The process may take a few moments as your credit card information is verified.
6. **Print** the receipt acknowledgment page with Registration Confirmation Number. This will be your reference number for future inquiries. Once payment is processed a Registration Confirmation Card will be email to you.
7. Cancellation and refund requests must be made in writing **before** June 27, 2008. A processing fee of \$30.00 will be charged.

Important: DO NOT send the paper form if registering electronically.

INFORMATION REGARDING ABSTRACT SUBMISSION

Submission of abstracts is only available electronically via a secured site (hosted on the FASEB server) at: <https://secure.faseb.org/sdbonline/Abstracts/Submission/tabid/132/Default.aspx>. The **deadline for receipt** of abstracts is close of business **March 10, 2008** (5 PM East Coast Time). You may be the first author or presenter of **one** original research paper only. You may be the first author of a second abstract if it is an **Education** poster. There is a \$30 non-refundable handling fee for each abstract. We recommend use of PC and Internet Explorer (IE) version 5.5 or higher for abstract submission. Some versions of Mac and other browsers may not be supported.

Requests for **abstract withdrawal** must be made in writing by fax (301-634-7825) or by email (sdb@sdbonline.org) by **April 10, 2008**.

About 30 abstracts will be selected for platform presentations (short-talks) at the concurrent symposia sessions. Symposia chairs and meeting organizers will make these choices and selected authors will be notified in late May. **Only current SDB members** (2008 dues paid at least 2 business days before abstract submission in order to be included in the membership database) may request consideration for oral presentations. The member should check the appropriate box for platform consideration on the electronic Abstract Submission Form and enter the symposium session.

Students who are **first authors** and **current SDB members in good standing** (members who paid 2008 dues **before** submitting the abstract) are eligible for the Best Student Poster Competition by checking the appropriate box. Please see the enclosed information on the Poster Competition for details.

Postdoctoral members may request consideration for a short talk in the Postdoctoral symposium. Regional meeting postdoctoral winners will automatically be considered for a slot in this session.

Abstracts will be included in a July issue of *Developmental Biology*, published by Elsevier. The online abstract submission form will prompt you to accept the Elsevier License Agreement (please see below). You must accept this agreement in order for your abstract to be published. If you do not wish to accept the agreement, you may still submit your work now and it will not be printed in DB.

Late abstracts are subject to space availability and we highly recommend submitting your abstract by March 10 deadline to guarantee a slot. Please check the SDB website, www.sdbonline.org, for updates and instructions regarding late abstract submission, after April 30, 2008.

It is solely the authors' responsibility to abide by standard regulations for animal care and use, as well as to abide by regulations for use of human subjects. All named authors share this responsibility and submission of the abstract confirms acceptance of this responsibility.

ABSTRACT SUBMISSION INSTRUCTIONS

1. Go to <https://secure.faseb.org/sdbonline/Abstracts/Submission/tabid/132/Default.aspx>.
2. Read **all** instructions carefully **before** completing the form.
3. E-mail address **must** be included for program assignment notification.
4. Student authors must enter name, phone number, and e-mail address of advisor. **It is understood that the named advisor has approved the abstract content.**
5. If you wish to be considered for a **platform** presentation (**current SDB membership required**), check the platform presentation request box and select one of the following concurrent symposia themes:
 1. RNA, Localization, Translational and Regulation
 2. Neuronal Pathfinding and Identity
 3. Evolution and Diversity of Pattern
 4. Signaling Pathways and Networks
 5. Morphogenesis
 6. Stem Cells and Differentiation
 7. Organ Systems in Vertebrate Development
 8. Gene Expression and Epigenetics
 9. Mitosis and Cell Polarity
 10. Postdoctoral Symposium
6. Select a theme for **poster** session (required):
 11. Education
 12. Development and evolution
 13. Cell-cell signaling
 14. Intracellular signaling pathways
 15. Gene regulation
 16. Cell proliferation

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| 17. Germ cells and gametogenesis | 18. Fertilization |
| 19. Early embryo patterning | 20. Cell fate specification |
| 21. Morphogenesis | 22. Cell motility and guidance |
| 23. Patterning and transcription factors | 24. Organogenesis |
| 25. Stem cells and tissue regeneration | 26. Molecular medicine and development |
| 27. Functional genomics | |

7. Review the entry **before** submission by pressing the “Preview” button below the abstract text box. You will see the abstract as it will be printed. Online revision will **not** be available. What you submit will appear “as is” in the Abstract Book.

8. Check the appropriate box for Elsevier License Agreement (See below).

9. Submit the abstract as instructed along with the \$30 non-refundable handling fee. VISA, MasterCard, American Express, and Discover will be accepted. This is a secured server. Abstracts without payment will not be accepted. **DO NOT DOUBLE CLICK.**

10. **Wait** for acknowledgment of receipt of submission. This process may take a few moments, **please be patient.**

11. **Print the confirmation page** with the control number for future reference.

ELSEVIER LICENSE AGREEMENT

I hereby confirm that all authors of this abstract submitted for the Society for Developmental Biology 67th Annual Meeting are aware of and have agreed to its publication in *Developmental Biology*. I hereby grant to Elsevier a nonexclusive license to include the material identified above in the journal and the right to include the material in all media including electronic and microfilm and to use the material in conjunction with computer-based electronic information retrieval systems, to grant permissions for photocopying, reproductions and reprints, to translate the material and to publish the translation, and to authorize use by document delivery and abstracting services.

The authors of the abstracts retain all other rights.

INFORMATION ABOUT THE 2ND BOOT CAMP FOR NEW FACULTY

This biennial boot camp is designed for recently hired, untenured faculty, and about-to-be-hired new faculty, to give them useful resources to carry out the new duties. The program includes sessions on: hands-on lab with model organisms (flies, plants, chick, zebrafish), teaching and tenure, mentoring, lab management. The accepted participants will take a Myers/Briggs Personality Indicator test before coming to camp and will receive an individualized interpretive report. Capacity for the course is 20 and it is restricted to current SDB members (2008 dues paid). The camp expenses are covered by SDB and reimbursement for one-night housing at the on-campus rate may be requested. The participants are responsible for their travel and meeting expenses as annual meeting attendance is expected. Application for Teaching Faculty Travel Grant (see below) is highly recommended to help offset meeting expenses.

[Application form](#) is available in this packet. Please read the instructions and submit to SDB by **March 10, 2008**.

INFORMATION REGARDING AWARDS

Best Student Poster Competition - **Current** SDB graduate and undergraduate student members in good standing (2008 membership dues paid at least 2 business days **before** abstract submission so to be included in the membership database) who wish to participate in the Best Poster Competition must check the appropriate box on the online abstract form. Late Abstracts are **not** eligible for poster competition.

Student/Postdoct Travel Awards - This is for **current** (2008 membership dues paid **before** abstract submission and meeting registration) **student** (undergraduate and graduate) and **postdoctoral** members of SDB who wish to request funds to offset their travel expenses. The number of awards and the amount for each award will depend on the number of applications received and available funding.

[Application form](#) is available in this packet. Any candidate must be the first and presenting author of an abstract submitted for the SDB 67th Annual Meeting. A copy of the abstract should be emailed or FAXed to SDB together with the completed application by the close of business **May 5, 2008** (5 PM East Coast Daylight Saving Time). Notification

of awards will be given in June.

Latin American-Caribbean Student and Faculty Scholarships - This merit-based Latin American-Caribbean Scholarship Program was established in 2000 for students and faculty members who are currently at institutions in Latin America and the Caribbean. Membership in SDB is not a requirement, but all other things being equal, preference will be given to SDB members over non-members. Any candidate for either of the two types of scholarships must be an author of an abstract submitted for the Meeting. Student applicants must be the first author of the abstract. Faculty applicants may be the senior author of an abstract.

[Application form](#) is available in this packet. A copy of the abstract should be emailed or FAXed to SDB along with the completed application by the close of business **March 10, 2008** (5 PM East Coast Time). If submitting a Latin American Student Scholarship application, include a recommendation letter from the candidate's advisor or department chair. The letter should explain why the advisor/department chair is endorsing the applicant and state the amount that the department is willing to contribute to the student's travel. Latin American Faculty Scholarship applications should include a one-page resumé with the candidate's three most recent, pertinent publications. Junior faculty will be given preference for this Faculty Scholarship.

Selection criteria for both scholarships are based on: (1) scientific soundness of the study as described in the abstract, (2) financial need, including availability of other support, e.g. from the advisor and/or school.

Teaching Faculty Travel Grants - This newly instituted program aims to provide modest travel assistance for faculty at primarily teaching institutions or teaching departments at research universities to present their research and/or education papers. Applicants must be **current** SDB members (2008 membership dues paid **before** abstract submission and meeting registration) and authors of a submitted abstract. This may be of their own or their student's work.

[Application form](#) is included in this packet. A copy of the abstract should be emailed or FAXed to SDB together with the completed application by the close of business **May 5, 2008** (5 PM East Coast Daylight Saving Time). Notification of awards will be given in June.

FASEB/MARC Program Travel Awards for Faculty and Students

The FASEB/MARC (Federation of American Societies for Experimental Biology / Minority Access to Research Careers) Program provides funding for travel awards to support the participation of Faculty/ Mentors and Students, and Poster/Oral Presenters at SDB Annual Meetings. For eligibility, application forms and deadlines please go to:

<http://marc.faseb.org/pages/page2a.htm>.

INFORMATION REGARDING BEST STUDENT POSTER COMPETITION

Eligibility requirements:

1. The **first/presenting** author must be a **current SDB member** and be an undergraduate or a graduate student.
2. The author must check the Best Student Poster Competition box on the online abstract submission form when submitting the abstract. This box is only available to student members who are on the membership database.

Guidelines for evaluating the posters:

Depending on the number of submissions, the judges may need to do a preliminary selection based on the quality of the abstracts. It is thus highly recommended that the abstracts be as informative and with as much data as possible (Statements such as "data to be presented and discussed" will not score high.). Below are criteria for evaluating the posters which may be helpful in preparing your presentation.

1. Quality of Science:
 - Logic and motivation for study
 - Documentation of results
 - Quantification
 - Conclusions appropriate from the data
 - References cited where necessary
2. Impact on the field
3. Innovativeness of approach
4. Usefulness of a new technique
5. Appropriateness of the study organism for addressing the issue
6. Clarity of presentation and ease of reading

7. Number of authors on the paper
8. The intellectual input of the first author (judged in part by talking to the author and in part by analysis of other posters from the same laboratory).

INSTRUCTIONS FOR EFFECTIVE POSTER PRESENTATIONS

1. The poster board size is approximately 4 ft (height) by 6 ft (width) or 1.2 m by 1.8 m.
2. A label with the abstract program number (to be provided on the program assignment email at a later date), title, authors, and affiliations should be posted at the top of the poster board.
3. Charts, drawings, illustrations and text should be easy to read from about a 3 ft (1 m) distance.
4. Check spelling and abbreviations.
5. Post a copy of your abstract (original or corrected, as appropriate).
6. Do not overload the poster board.
7. If necessary, use numbers, letters or arrows to direct sequence of panels on the board.
8. Do not draw or write on the poster boards.

References:

“How to create a poster that graphically communicates your message”–

<http://www.bio.miami.edu/ktosney/file/PosterHome.html>

“Combating Poster Fatigue: How to Use Visual Grammar and Analysis to Effect Better Visual Communication.” John D. Woolly. *Trends in Neuroscience* 12 (9):325-333, 1989.

HOUSING AND TRANSPORTATION INFORMATION

Campus Housing

University of Pennsylvania offers economic housing on campus, in air-conditioned multi-occupancy suites with private bedrooms and shared living spaces at a rate of \$68.00 plus tax per person per night. A limited number of shared bedrooms at \$53.00 plus tax per person per night will be available. Online direct reservation with U Penn Conference Services will be available shortly.

The university is equipped with wireless Internet access and participants staying on campus will be issued U Penn Guest ID cards with access to this service.

Transportation

The Philadelphia area is serviced by major airlines flying into Philadelphia International Airport, by Amtrak Rail at the 30th Street Station (20 min walk from the campus) and other regional train systems. SEPTA offers high speed rail line (R1) from the airport to University City where the campus is located as well as to 30th Street Station.

Philadelphia International Airport - <http://www.phl.org>

Amtrak – <http://www.amtrak.com>

SEPTA – <http://www.septa.org>

SPECIAL NEEDS

All scientific session rooms are wheelchair accessible. Please call (301-634-7815) or email the SDB office (sdb@sdbonline.org) to arrange for any other special needs provisions during the scientific sessions. Please notify the hotel directly if you require special assistance for sleeping rooms.

IMPORTANT DEADLINES

March 10, 2008	Abstract submission Latin American-Caribbean Scholarship (Student and Faculty) application 2 nd SDB Boot Camp for New Faculty application
April 10, 2008	Abstract withdrawal
May 5, 2008	Student and Postdoctoral Travel Award application Teaching Faculty Travel Grant application Discounted, early meeting registration
June 27, 2008	Advanced, pre-meeting registration Meeting registration cancellation with refund
July 26-29, 2008	Annual Meeting and on-site registration

You must present the advanced registration confirmation card at the Meeting Registration Desk to obtain name badge, Program/Abstract Book, and other meeting materials.



SOCIETY FOR DEVELOPMENTAL BIOLOGY

67th ANNUAL MEETING

University of Pennsylvania, Philadelphia, PA

July 26-30, 2008

MEETING REGISTRATION FORM

(Deadline for receipt of early discounted registration is May 5, 2008)

Please type or print

Dr./Mr./Ms./ Family Name _____ First Name _____

Institution _____ Department _____

Mailing Address _____

Telephone _____ FAX _____ E-mail _____

REGISTRATION FEE (Includes: Entry to all scientific sessions and workshops, Refreshment breaks, Entry to poster and exhibit sessions, Opening Reception and Awards Banquet, Program and Abstracts Book, Program Addendum and Directory, Lunch (3: 7/27, 7/28, 7/29)

	<u>Early By 5/5/08</u>	<u>Standard After 5/5/08</u>
Member (full and postdoc)	\$ 350	\$ 450
Student Member	\$ 250	\$ 300
Non-member	\$ 450	\$ 550
Student Non-member	\$ 280	\$ 330
Banquet ticket for accompanying person	\$ 40	\$ 40
TOTAL FEES _____		

(Non-member fee includes membership from Aug 1 to Dec 31, 2008)

Student Certification

I certify that the above named student is currently enrolled in this Department's undergraduate____ OR graduate____ program (check one).

Name and phone of Dept Chair or Advisor

On site registration at the standard rate will be available for those who do not register by June 27, 2008.

PAYMENT INFORMATION:

NO CASH will be accepted as a form of payment. All payments **MUST** be in US dollars. You may enclose a personal or institutional check drawn on a US bank, or Money Order, payable to Society for Developmental Biology. You may also make a credit card payment through **MASTER CARD, VISA, AMERICAN EXPRESS, or DISCOVER**. No other cards will be accepted. Purchase orders will not be accepted.

Form of payment (check one): Check _____ Money Order _____ Amount of Payment in US\$ _____

Check # _____ Name on the check _____

Credit Card Payment: VISA _____ MC _____ AMEX _____ Card # _____

Cardholder's Name _____ Signature _____ Exp. Date _____

MAILING INSTRUCTIONS

Mail completed form and check for the total amount to: **Society for Developmental Biology, 67th Annual Meeting Registration, 9650 Rockville Pike, Bethesda, MD 20814-3998, USA**. Advance registration confirmation and receipt will be mailed within 4 weeks of receipt. We will not be able to verify advance registration receipts by phone. Badge and meeting materials will be distributed at the Meeting Registration Desk, upon presentation of registration confirmation card.

FACSIMILE TRANSMISSION

Credit card payment registrations may be transmitted to: (301) 634-7825.

CANCELLATION

Cancellation and refund request must be made in writing **BEFORE June 27, 2008**, by FAX: (301) 634-7825, or email: sdb@sdbonline.org with "Meeting Cancellation" as Subject title. A processing fee of \$30.00 will be charged.

Do Not Use This Form If You Have Submitted An Electronic Meeting Registration. You may be charged twice.

SDB 67th ANNUAL MEETING AWARDS APPLICATION

NAME _____ DEGREE _____ YEAR _____
INSTITUTION _____
DEPARTMENT _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____ E-MAIL _____

See **Awards** section in this packet for complete eligibility requirements.
Check the one you wish to be considered for:

STUDENT/POSTDOC TRAVEL AWARD

The level and number of awards will depend on the number of applications received and available funding.
Applicant must be **current** SDB member (non-member meeting registration does NOT fulfill eligibility requirement).

TEACHING FACULTY TRAVEL GRANT

Include copy of the abstract. Applicant must be **current** SDB member (non-member meeting registration does NOT fulfill eligibility requirement).

LATIN AMERICAN/CARIBBEAN STUDENT SCHOLARSHIP

Include a letter of recommendation from advisor or department chair.

LATIN AMERICAN/CARIBBEAN FACULTY SCHOLARSHIP

Include a one-page resume and list three most recent relevant publications.

Selection criteria for the **Latin American Student Scholarship** and **Latin American Faculty Scholarship** are:

1. Scientific soundness of the study as described in the abstract
2. Financial need, including availability of other support, e.g. from the advisor and/or home institution

All applicants:

A. Briefly state your research focus:

B. Give other possible support sources and amounts:

Applicant's Signature

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Student/Postdoc Travel Award applications and Latin American/Caribbean Student Scholarship applications **MUST** be endorsed by the student's advisor or department chair and the following question answered.

What level of support, i.e., amount, will you be able to contribute to this student's travel? \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Advisor or Department Chair

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Email Address

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Latin American/Caribbean Student Scholarship must be received by March 10, 2008.

Latin American/Caribbean Faculty Scholarship must be received by March 10, 2008.

Student/Postdoc Travel Award and Teaching Faculty Travel Grant applications must be received by May 5, 2008.

Mail form to: Society for Developmental Biology, 9650 Rockville Pike, Bethesda, MD 20814-3998; or FAX to: (301)634-7825.
All applications **MUST** include a copy of the abstract submitted online. Late and incomplete applications will not be considered