

Minutes of the DBP Business Meeting APS March Meeting, March 11, 2008

Prepared by Thomas Nordlund

Annual Business Meeting, Division of Biological Physics, APS

Tuesday, March 11, 2008, 5:45-6:45 pm, New Orleans Convention Center, Room 208.

Light refreshments provided. 44 attendees signed in.

**Meeting Chair: Dean Astumian, DBP
Chair**

MINUTES¹

1. Chair Astumian called meeting to order at 5:55 PM (approx.) and welcomed attendees.

2. Chair announced the 2008 Max Delbruck Biological Physics Prize (\$10K) recipient, Steven Block, Stanford University: "For his originality in the direct measurement of forces and motions in single biomolecular complexes undergoing the nucleoside triphosphate hydrolysis reactions that drive intracellular transport, cell motility, and DNA and RNA replication." (The Prize Symposium, "Gene Regulation", Session B7, was held Monday, March 10, 11:15-11:51 am.) The Prize has recently reached endowed status.

3. Shirley Chan, retiring DBP Secretary-Treasurer, provided reports and presented financial and membership data for 2007-2008.

¹ Minutes reconstructed by incoming Secretary-Treasurer, Tom Nordlund, after an unfortunate computer crash caused loss of the original meeting notes. Crucial information and review were provided by Shirley Chan, Dean Astumian and other members of the Executive Committee. Please send any corrections to nordlund@uab.edu.

Information is summarized below and is shown in detail on the following page.

- Financial reports for 2007 vs. 2006.
- Support for speakers (total \$4,910) and students (total \$4,000) in 2008.
- Report on DBP membership, profile and growth. Membership is now at (approx) 1881. Chan noted that DBP female membership is at about 15% and that its increase should remain a priority. The one-year free-membership drive should increase the overall membership.

Question addressed to Chan – What fraction of the APS membership is now in the DBP? Answer: about 4.1%. Note that the minimum requirement for a unit to become and stay as a Division is 3%.

4. The Chair presented highlights & initiatives in the year 2007-2008

- *Opportunities in Biological Physics* workshop was held the weekend before the March meeting, funded by the Agouron Foundation.
- Amendments to the DBP Bylaws have been approved: Bylaws Committee (Chan, Finegold, S-T 1976-80, Austin, Chair 2003, & Cole, APS); approved by the APS General Council and by DBP members (90% vote). Copies of the bylaws were made available to attendees. The driving force of S. Chan was noted in the success of this effort.
- A "free 1st-year DBP membership for new-comers" Membership Drive is being carried out, coordinated by

incoming DBP Chair James Glazier. Announcements are to be made at all DBP sessions, as well as in posters outside session rooms.

5. Presentation of 2007 Fellows sponsored by the DBP, with certificates and pins, were made. James De Yoreo, Jianpeng Ma, and Thomas Nordlund were present to receive their certificates. The remaining certificates will be mailed. The new 2007 Fellows are: Britton Chance, Gang Bao, Dante Chialvo, James De Yoreo, Marilyn Gunner, Carol Hall, Jianpeng Ma, Thomas Nordlund, Attila Szabo.

Because of some unusual circumstances, Chance's nomination was as an "APS General Fellow", rather than a DBP nominee. Discussion of encouraging new nominations for 2008 elections was made, especially in light of the overlooking of Britton Chance for many years. The remaining Fellows were DBP-sponsored.

6. Report from the 2008 Executive Committee Meeting.

- Shirley Chan, long-time Secretary-Treasurer of the Division (2004-2008) kept her campaign promise to reintroduce the DBP Student Travel Grants, to expand and manage the program consistently. The Executive Committee voted to name the travel grant after Shirley Chan.
- Filling Committee/subcommittee openings and vacancies is under way: Nominating, Fellowship, Program Committees.

- Judy Franz indicated the financial status of the APS is strong. The US Congressional budget for the physical sciences and engineering, in contrast, looks disastrous. Members should take the letter-writing campaign very seriously. Joe Serene reported to the Exec that much of the APS's financial strength is due to the success of the Society's publications.

7. Open discussion from DBP members on non-scientific business issues. James Glazier proposed the DBP consider a student thesis award.

8. Results of the 2008 election were announced: Vice-Chair: Herbert Levine; Secretary-Treasurer: Tom Nordlund; Members-at-Large: Daniel Cox and Timothy Newman. Chan noted that we again did not break the 400-vote "glass ceiling" among the DBP membership, in spite of the increase in membership. Astumian and Chan stated that increasing participation by the general membership should be one of the goals for 2008-9.

9. The new DBP Chair for 2008-9, James Glazier, was introduced by Astumian, and the meeting turned over to him. Glazier greeted the attendees.

After asking for any additional discussion, Glazier adjourned the meeting at 6:50 PM.

Submitted by Thomas Nordlund
Secretary-Treasurer
Division of Biological Physics

**APS Division of Biological Physics
2007 Financial Reports**

OPERATING FUNDS				WORKSHOP FUNDS			
	2006	2007	2007 Total		2006	2007	Total
INCOME				INCOME			
Member Count on 01/01	1783	1850		Registration fees	\$7,800.00	\$7,465.00	
Dues (@ \$5)	\$8,915.00	\$9,250.00		NSF Grant	\$3,350.00	\$0.00	
March Meeting Share	\$7,442.00	\$8,409.00		ICAM Grants	\$3,000.00	\$0.00	
Investment Earnings	\$3,230.49	\$3,961.19		IOP Contribution	\$1,500.00	\$0.00	
Agouron Foundation	\$25,000.00	\$0.00		Fluidigm Contribution	\$0.00	\$1,000.00	
Total Income	\$44,587.49	\$21,620.19	\$21,620.19	Total Income	\$15,650.00	\$8,465.00	\$8,465.00
EXPENSES				EXPENSES			
Dinner: Excom Mtg	\$1,268.19	\$971.63		Refreshments	\$5,130.00	\$5,566.08	
Rental: Projector/Video	\$352.00	\$0.00		Rental: Projector/Video	\$462.50	\$358.50	
Lunch: Students	\$0.00	\$0.00		Travel: Speakers	\$7,439.80	\$3,378.59	
Reception: Business Mtg	\$488.54	\$459.26		Travel: Organizers	\$1,434.07	\$1,758.43	
Reg. Waiver: Speakers	\$2,355.00	\$1,500.00		Postages	\$0.00	\$249.33	
Travel: Speakers	\$1,352.96	\$2,000.00		Poster & Printing	\$51.60	\$616.81	
Travel: Students	\$3,400.00	\$3,600.00		Credit Card Charge	\$148.50	\$0.00	
Travel: Sorters & others	\$1,692.78	\$1,864.84		Total Expenses	\$14,666.47	\$11,927.74	-\$11,927.74
Lobbying Fee to BPS	\$1,000.00	\$0.00		NET BALANCE	\$983.53		-\$3,462.74
Printing Fees	\$328.28	\$0.00		Agouron Fund Balance	\$25,000.00		\$22,520.79
Misc (postage, bank,....)	\$71.64	\$343.86					
Transfer to Prize Fund	\$25,000.00	\$0.00					
Total Expenses	\$37,309.39	\$10,739.59	-\$10,739.59				
Workshop Balance	\$983.53	-\$3,462.74	-\$3,462.74				
Previous Year Balance	\$48,084.52		\$56,346.15				
YR-END NET ASSETS	\$56,346.15		\$63,764.01				

Funds for Max Delbruck Prize in Biological Physics		
	2006	2007
ASSETS		
Restricted Fund Balance	\$5,631.66	\$77,280.97
Contributions:		
Anonymous	\$52,640.00	\$500.00
Hopfield's former Student	\$22,972.00	\$0.00
Investment Income	\$1,037.31	\$5,610.72
Designated Fund Balance	\$25,000.00	\$25,366.29
Investment Income	\$366.29	\$1,832.82
TOTAL ASSETS	\$107,647.26	\$110,590.80
EXPENSES		
Prize for Recipient	-\$5,000.00	\$0.00
YR-END NET ASSETS	\$102,647.26	\$110,590.80

Profile of DBP Membership, 01/01/2008			
Category		Percentage	
Sr/Life/Regular		62%	
Junior/Students		38%	
Total	1881	100%	
Gender		Percentage	
Male		81%	
Female		15%	
Unknown		4%	
Fellows	Number	Percentage of Total Members	Percentage of Each Gender
Male	250	13%	16%
Female	19	1%	7%
Total	269	14%	N/A

DBP Speaker	Session	Reg Fee Waived	Travel support	Institute	State or Country
Irina Mihalcescu	A7, full	\$305.00	\$700.00	University Joseph Fourier	France
Brian Haab	H16, Tue	\$195.00	\$300.00	Van Andel Institute	MI
Toshio Ando	P14, Wed	\$195.00	\$700.00	Kanazawa University	Japan
Chandra Yelleswarapu	Y7, full	\$305.00	\$0.00	U. of Mass	MA
Robert Birge	Y7, full	\$305.00	\$0.00	U. of Conn	Conn
Sukhdev Roy	Y7, full	\$305.00	\$1,200.00	Dayalbagh Edu. Institute	India
Martin Bier	L16	\$305.00	\$0.00	East Carolina U	NC
Julio Fernandez		\$305.00	\$0.00	Columbia, Biological Sci.	NY
Total charged to DBP		\$2,220.00	\$2,900.00		

DBP Student Travel Grants, 2008

First Name	Last Name	Grant	Institution, Department	City	State	Session
Svetlana *	Postnova	\$400	U Marburg, Physiology	Marburg	Germany	B16
Ross	Brody	\$250	U. Maine, Physics	Orono	ME	V17
Jessica *	Zimberlin	\$250	U Mass, Polymer S&E	Amherst	MA	P16
Yongxing	Guo +	\$200	Brown, Physics	Providence	RI	P16
Aphrodite	Ahmadi	\$250	Syracuse U, Physics	Syracuse	NY	X40
Chih-Kuan	Tung +	\$200	Princeton, Physics	Princeton	NJ	Y40
David	Liao	\$250	Princeton, Physics	Princeton	NJ	J16
Patrick	Hann	\$225	Rowan U, Physics	Franklinville	NJ	S16
Kun-Chun	Lee	\$225	U Penn, Phys & Astrophysics	Philadelphia	PA	L16
Chongzh	Zang	\$225	G. Washington U, Physics	Arlington	VA	W18
Matthew	Raum	\$225	Virg Tech, Physics	Blacksburg	VA	H16
Robert	Forties	\$150	Ohio State U, Physics	Columbus	OH	V40
Kevin	Johnson	\$150	U Mo-Columbia, Physics	West Plains	MO	B17
Nathan	Dees	\$150	U Mo-STL, Neurodynamics	St. Louis	MO	J17
Aonan	Tang	\$150	Indiana U, Physics	Bloomington	IN	B16
Ranjani	Narayanan	\$150	U FL, Physics	Gainesville	FL	D17
Yanxin	Liu +	\$150	Florida Intr'l, Physics	Miami	FL	D17
Xiaojia *	Tang	\$100	U GA, Physics	Athens	GA	D16
Lam	Nguyen	\$100	Florida SU, Physics	Tallahassee	FL	W25
Ronald	Benjamin	\$100	UAB, Physics	Birmingham	AL	L16
Allison *	Heath	\$100	U TX, Systems Biology	Houston	TX	D16

TOTAL \$4,000 (Male: 17, * Female: 4) (+ denotes repeated applicant)
All Domestic Students are required to serve 2 hours as "Arm-Twister" at Congressional Booth.