

Vol. 80

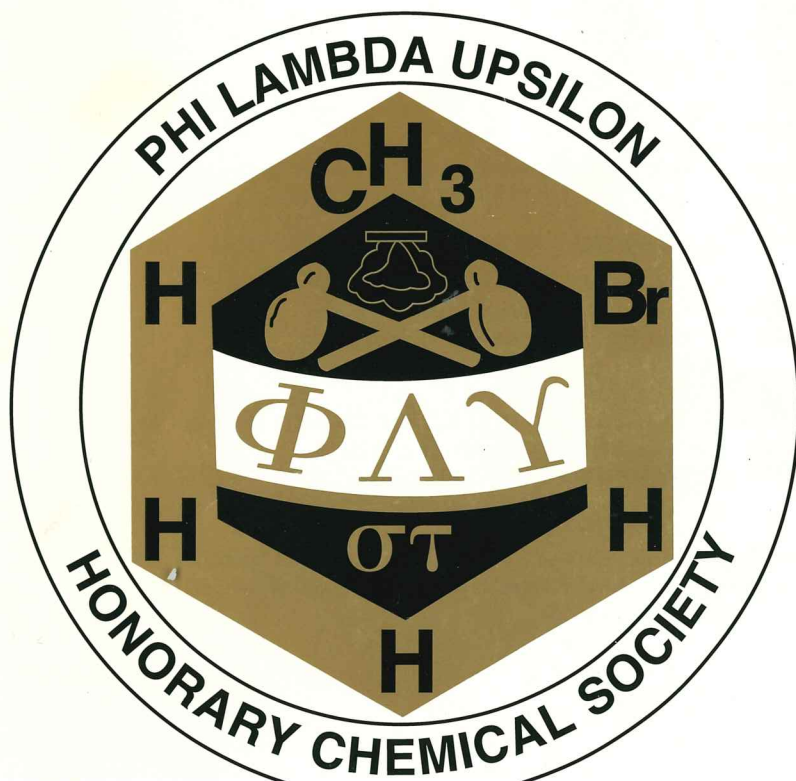
2001

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The

REGISTER

OF PHI LAMBDA Upsilon

HONORARY CHEMICAL SOCIETY



NATIONAL OFFICERS 1999-2002

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THE REGISTER

OF PHI LAMBDA UPSILON

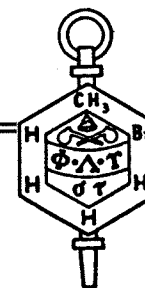
HONORARY CHEMICAL SOCIETY

VOLUME 80

2001

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From the Retort

Welcome to the Centennial! Inside you will find information on the Congress scheduled for Aug. 23 - 25, 2001 at the University of Illinois, Urbana-Champaign. For those of you that don't remember, PLU was founded 100 years ago at the University of Illinois Urbana-Champaign. President Graybeal has a brief note in this issue concerning the importance of the upcoming Congress.

I continue to solicit articles of general interest for publication. See instructions for authors on p. 20. You will also find copies of some of the Chapter reports I have received this year. Please continue to send me copies of your reports. See page 19 for how to apply to Travel Grant Program.

Congratulations to this years Fresenius Award winner, Dr. David E. Clemmer. Information on nominating persons for this award are on page 3. Finally, congratulations to all the new inductees to PLU.

Richard M. White
Editor

The National Fresenius Award

The National Constitution of Phi Lambda Upsilon states that "The object of this Society shall be the promotion of high scholarship and original investigation in all branches of pure and applied chemistry."

To fulfill this objective Phi Lambda Upsilon elects to membership those students who show exceptional promise in pure and applied chemistry. It also elects to Honorary Membership chemists who have made outstanding contributions to the science.

Phi Lambda Upsilon, in keeping with its stated objectives, also established an award for outstanding chemists early in their professional careers, since regular membership ordinarily goes to those at the beginning of a career and honorary membership to those at the height of or near the close of a career. This national award was established by the Society in 1965 and is known as the Phi Lambda Upsilon National Fresenius Award.

The program contains the following features: (1) The award consists of a plaque of suitable design and an honorarium, currently \$1,000.00; (2) The award recipient must be under 35 years of age at the time of nomination and to have made notable contributions to chemical research, education and/or administration; (3) Administration of the award is the responsibility of a five member committee of nationally prominent scientists who will select the recipient from nominees of the chapters and officers; (4) Not more than one award will be made each year.

The first Fresenius Award was made at the Detroit meeting of the American Chemical Society in April 1965. This award of Phi Lambda Upsilon continues and extends the traditions of the Society in recognizing and honoring excellence in chemistry. It has, as the names of its recipients testify, taken its place along with Honorary membership in the Society as an award of high merit in American chemistry.

Nominations for the Society's Fresenius Award must be submitted to the National Secretary no later than January 1. The nominating letter should include a discussion stating why the individual placed in nomination is regarded as particularly worthy of consideration for the Fresenius Award. In addition, it is also requested that a biographical sketch be furnished giving the following information:

- I. Full name
- II. Place and date of birth
- III. Educational career
- IV. Professional activities (since graduation)
- V. Publications
- VI. Honors and/or distinctions and/or noteworthy achievements

Three letters of recommendation from former teachers or professional associates shall also be submitted.

2000 Fresenius Award Recipient

Dr. David E. Clemmer
Department of Chemistry
Indiana University

The recipient of the 2000 Fresenius Award was Dr. David E. Clemmer, Associate Professor of Chemistry at Indiana University. The award was presented to Dr. Clemmer by Dr. Jack D. Graybeal, National President, on January 17, 2001.

Dr. Clemmer received his B.S. Degree in Chemistry from Adams State College in 1987 and his Ph.D. Degree in Physical Chemistry from the University of Utah in 1992. This was followed by a one-year postdoctoral stint at the Himeji Institute of Technology in Japan. He subsequently accepted a postdoctoral position with Dr. Martin Jarrold at Northwestern University. He has been a member of the faculty at Indiana University for the past four years.

Professor Clemmer's research interests involve ion mobility spectrometry, a technique by which ions can be separated largely on the basis of three-dimensional structure. When coupled with a mass spectrometer, the method provides a powerful means of examining structures of gas-phase ions. Professor Clemmer was the first to couple this method to electrospray ionization in order to study the conformations of proteins. These experiments are particularly important, because conformation can be examined in the absence of solvent, providing the chance to delineate the roles of intramolecular and solvent-molecule interactions that are important in protein folding. In addition to studies of fundamental biochemical problems, he has developed ion-mobility techniques that involve ion traps and time-of-flight mass spectrometers for the rapid analysis of complex biomolecular mixtures. The mobility-based separation is a powerful complement to mass spectrometry. It allows many components of mixtures to be unambiguously identified that would be difficult or impossible to assign by mass spectrometry alone.

Early on, Professor Clemmer's work was recognized by awards from the NSF (Faculty Early Career Development [CAREER] Program), the American Society of mass Spectrometry (Finnigan Award for outstanding young faculty), the Alfred P. Sloan Foundation (Sloan Research Award), Indiana University (Outstanding Junior Faculty award), and Eli Lilly. His first paper in this field with Martin Jarrold became the fifth most cited paper in chemistry for 1995-96, and many believe it is the basis for a new field. More recently, he has won the ACS awards for young analytical chemists, and been selected for a TR100 award (for technology innovation) by MIT's technology Review magazine.

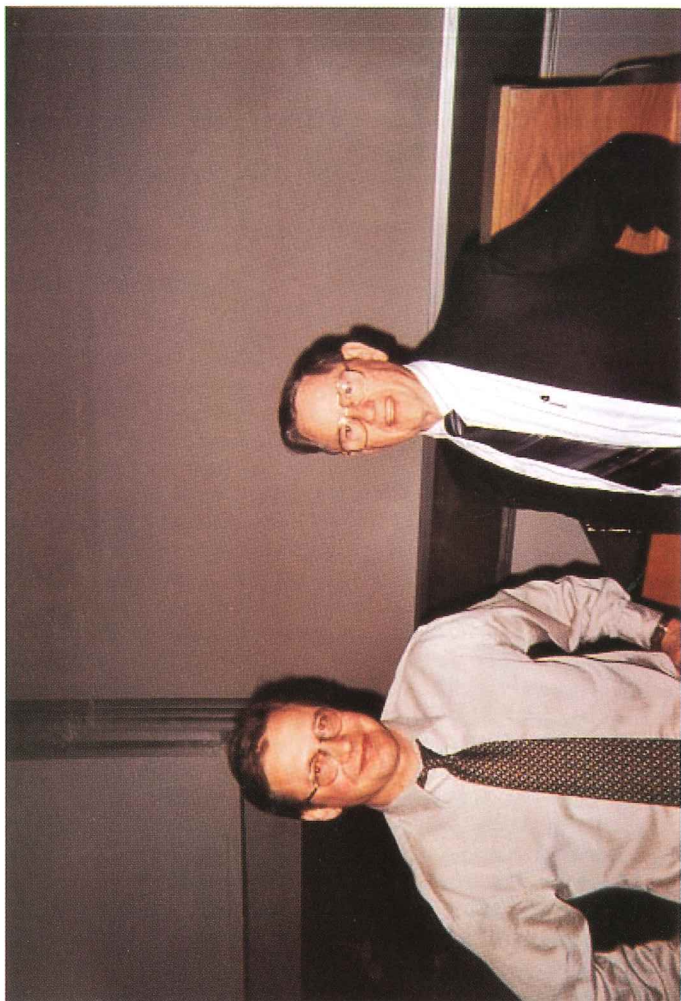
Dr. Clemmer's first published work at IU includes a study of H/D exchange reactions on the surfaces of gaseous cytochrome *c* conformers that were selected by their shapes (*J. Am. Chem. Soc.* 1997). The work shows that it is possible to characterize simultaneously the shapes and surfaces of biomolecules in the gas phase. The combined approach is clearly a powerful first step in elucidating the details of biomolecular conformation in the gas phase. His group found that lysozyme (with reduced disulfide bonds) underwent distinct folding transitions in the gas phase when proteins were removed. Remarkably, many of the folded states of the disulfide-reduced ions have cross sections that are identical to those of the disulfide-intact ions. This finding suggests not only that biomolecules fold

in the gas phase, but also that they fold to specific structures and along specific pathways. This work has stimulated significant theoretical interest in anhydrous proteins.

Recently professor Clemmer has turned his attention to the development of methods to utilize high-resolution ion-mobility methods as a generally complementary approach to mass spectrometry. The improved efficiencies of these methods allow them to be applied in routine fashion to tremendously difficult problems. His group has developed and used a gas-phase structural database of more than 700 different peptide ions to derive size parameters for individual amino acids and have successfully predicted peptide cross sections from sequence (*J. Phys. Chem.* 1999). This unique approach addresses one of the most challenging problems in biochemistry; to develop a set of rules to predict protein conformation from amino-acid sequence.

Professor Clemmer's accomplishments extend also into areas of teaching and service. He has developed a project-based analytical instrumentation course for undergraduates that is derived from classical problems of analysis and involves challenging team research efforts. Students propose problems, design and utilize methods, and ultimately give formal presentations of their accomplishments over the semester. This class provides students with remarkable training in state-of-the-art instrumentation and creative scientific problem solving.

The Officers and Members of Phi Lambda Upsilon congratulate Dr. Clemmer on a highly successful beginning of what promises to be an outstanding career in the science of chemistry. His groundbreaking findings show exceptional imagination, vision, and insight.



President Graybeal (right) presents Dr. Clemmer the 2000 Fresenius Award

Recipients of the National Fresenius Award

1965	Martin Karplus	Columbia University
1966	Ronald Breslow	Columbia University
1967	Mostafa El Sayed	University of California – Los Angeles
1968	John Baldeschwieler	Stanford University
1969	Roald Hoffman	Cornell University
1970	Harry Gray	California Institute of Technology
1971	Willis Flygare	University of Illinois
1972	Charles Cantor	Columbia University
1973	Nicholas Turro	Columbia University
1974	Richard Zare	Columbia University
1975	Robert Vaughn	California Institute of Technology
1976	Joseph B. Lambert	Northwestern University
1977	William B. Reinhardt	University of Colorado
1978	Patrick S. Mariano	Texas A&M University
1979	Robin J. Marks	Northwestern University
1980	John R. Shapley	University of Illinois
1981	Richard P. VanDuyne	Northwestern University
1982	Michael J. Berry	Rice University
1983	George C. Schatz	Northwestern University
1984	Mark S. Wrighton	Massachusetts Institute of Technology
1985	Ben Frieser	Purdue University
1986	Jacqueline Barton	Columbia University
1987	Ian Rothwell	Purdue University
1988	Peter G. Wolynes	University of Illinois
1989	James L. Skinner	Columbia University
1990	Nathan S. Lewis	California Institute of Technology
1991	Peter G. Schultz	University of California – Berkeley
1992	John D. Simon	University of California – San Diego
1993	Joseph T. Hupp	Northwestern University
1994	Scott D. Rychnovsky	University of Minnesota
1995	Robert M. Waymouth	Stanford University
1996	Erick M. Carreira	Massachusetts Institute of Technology
1997	Christopher C. Cummins	Massachusetts Institute of Technology
1998	Chad A. Mirkin	Northwestern University
1999	Joseph DeSimone	University of North Carolina – Chapel Hill
2000	David E. Clemmer	Indiana University

**Audit of the 1996-1999 Triennium
Phi Lambda Upsilon
Honorary Chemical Society**

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June 30, 1999

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**Independent Auditors Report
Harger and Magnuson, CPAs, P.C.
5801 South 58th St., Suite C · Lincoln, Nebraska 68516
(402)423-4435 · FAX (402)423-8870**

Board of Trustees
Phi Lambda Upsilon Honorary Chemical Society

We have examined the statement of assets and fund balances arising from cash transactions of Phi Lambda Upsilon Honorary Chemical Society as of June 30, 1999, and the related statements of receipts, disbursements and fund balances for the triennium then ended. These financial statements are the responsibility of the Foundation's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe our audit provides a reasonable basis for our opinion.

As described in Note 1, the Organization's policy is to prepare its financial statements on the basis of cash receipts and disbursements; consequently, certain revenue and the related assets are recognized when received rather than when the obligation is incurred. Accordingly, the accompanying financial statements are not intended to present financial position and results of operations in conformity with generally accepted accounting principles.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Phi Lambda Upsilon Honorary Chemical Society as of June 30, 1999, and the receipts and disbursements for the triennium then ended on the basis of accounting described in Note 1, which basis has been applied in a consistent manner.

April 26, 2001

**Phi Lambda Upsilon
Honorary Chemical Society**

Exhibit A

Statement of Assets and Fund Balances
Arising from Cash Transactions

	June 30, 1999
ASSETS:	
Current Assets:	
Cash in Checking Account	\$ 54,045
Certificates of Deposit	181,833
	<u>235,878</u>
Total Assets	\$ 235,878
FUND BALANCES:	
General	\$ 196,370
Fresenius	39,508
	<u>235,878</u>
Total Fund Balances	\$ 235,878

See accompanying notes and independent auditor's report.

**Phi Lambda Upsilon
Honorary Chemical Society
Statement of Receipts, Disbursements and
Changes in Fund Balance
July 1, 1996 - June 30, 1999**

Exhibit B

	Year Ended June 30, 1997	1998	1999	Total for Triennium
Receipts:				
Initiation Fees (Net of Returned Checks)	\$ 15,461	\$ 21,316	\$ 5,985	\$ 42,762
Register Subscriptions	39	207	48	294
Interest Income	12,623	11,409	9,864	33,896
Jewelry Sales	118	82	87	287
	<u>28,241</u>	<u>33,014</u>	<u>15,984</u>	<u>77,239</u>
Total Receipts				
Disbursements:				
Certificates	1,998	1,998	1,673	5,669
Registration	2,762	905	3,079	6,746
Congress	-	9,908	-	9,908
Administrative Expenses	3,240	3,419	510	7,169
Postage	2,177	1,510	2,141	5,828
PLU-Fresenius Awards and Expenses	1,409	2,494	2,417	6,320
Student Travel Grants	400	600	2,649	3,649
Secretarial Aide	509	100	110	719
Jewelry	148	85	88	321
	<u>12,643</u>	<u>21,019</u>	<u>12,667</u>	<u>46,329</u>
Total Disbursements				
Total Receipts over Total Disbursements	15,598	11,995	3,317	30,910
Fund Balances, Beginning of Period	<u>204,968</u>	<u>220,566</u>	<u>232,561</u>	<u>204,968</u>
Fund Balances, End of Period	<u>\$ 220,566</u>	<u>\$ 232,561</u>	<u>\$ 235,878</u>	<u>\$ 235,878</u>

See accompanying notes and independent auditor's report.

**Phi Lambda Upsilon
Honorary Chemical Society**

Notes to Financial Statements

June 30, 1999

1. Summary of Significant Accounting Policies:

(a) Organization:

The Phi Lambda Upsilon Honorary Chemical Society is a not-for-profit organization. The purpose of the Society is to promote high scholarship and original investigation in all branches of pure and applied chemistry.

(b) Basis of Accounting:

The Organization's policy is to prepare its financial statements on the cash basis of accounting; consequently, certain revenues are recognized when received rather than when earned, and certain expenses and purchases of assets are recognized when cash is disbursed rather than when the obligation is incurred.

(c) Income Tax Status:

The Foundation is exempt from Federal and State income taxes under Section 501 (c) (3) of the Internal Revenue Code. In addition, the Foundation has been determined by the Internal Revenue Service not to be a private foundation within the meaning of Section 509 (a) of the Code.

(d) Fund Accounting:

The organization's governing documents provide certain guidelines for governing its financial activities. To insure observance of limitations and restrictions on the use of financial resources, the Organization maintains its accounts using fund accounting. Net assets, representing resources to be utilized for various purposes, are classified for accounting and reporting purposes in accordance with the nature of the donor's restrictions, if applicable.

2. Fresenius Fund:

Article IV, Section 9 of the National Bylaws states that income from the Fresenius Fund is to be used for awards, and the excess income should be added to the principal balance. Because these funds are not specifically identified and invested, the interest earned on the funds has been computed using the average rate of return on all investments for the triennium. The rate of return used was 6.3%. This fund is maintained as part of the funds deposited at Wells Fargo and the following transactions occurred:

Fund Balance at June 30, 1996	\$ 38,543
Interest Earned	\$ 7,285
	<hr/>
	45,828
Awards and Expenses during Triennium	(6,320)
	<hr/>
Fund Balance at June 30, 1999	\$ 39,508
	<hr/>

Notes from Chapters

Epsilon Chapter, University of Washington

Last Autumn, this PLU chapter, in conjunction with the UW Undergraduate Chemistry/Biochemistry Club (the "Free Radicals") hosted a public meeting attended by faculty and staff of the Chemistry Department that brought thirty-two new interested students. We dazzled the onlookers with the variety of ice creams that may be prepared with liquid nitrogen and presented the proposed agenda for the (then) upcoming year. Over the course of the autumn and winter quarters and into the spring quarter, the PLU/Free Radicals at the University of Washington have arranged and engaged in activities designed to expand the parameters of understanding in industrial and commercial applications of chemistry and biochemistry, while focusing on our local community. We toured the local Pyramid Brewery with the Head Brewmaster, assisted at a Family Science Night at a Seattle elementary school, and had a "Featured Speaker" session with the former Chief of Staff at a local hospital, also a UW alumnus. This spring, the UW PLU is sponsoring the first annual interclub chess tournament, featuring the physics, mathematics, and biology clubs, along with members from our chapter. With the support of the PLU, we will be able to continue a tradition of chemistry excellence extending far beyond the lecture halls and laboratories.

33rd National Congress Announcement

The thirty-third National Congress of Phi Lambda Upsilon will be held on August 23-25, 2001 in Urbana, Illinois, the site of the founding of the Society. This Congress will commemorate a century of service to students of the chemical sciences and to the profession at large. The site for the Congress will be the Jurner's Hotel, 209 S. Broadway, Urbana, IL 61801. Former officers, who so wish, will be invited to attend and to make presentations to the delegates concerning their past association and their views on the operation and future of the Society.

During the last decade it has become increasingly difficult to find people who have the time and are willing to serve as National Officers. It is very important that there be a good representation of the Chapters at this Congress since one of the primary topics for discussion will be the governing structure of the Society and what changes can be considered to help alleviate this problem.

Note that the date for the Congress is the end of the week preceding the Fall National ACS Meeting in Chicago. Since expenses for the delegates are covered by the Society this presents an opportunity for students who plan to attend the ACS Meeting to serve as delegates to the Congress also and to have their transportation to Chicago covered.

Initiates 2000

Xi

University of Pittsburgh

Aubele, Danielle L. - Boduch, Keri A. - Bosanac, Todd M. - Chapman, Toby M. - Cui, Jun - Floreancig, Paul E. - Gillies, Collies N. - Hopkins, Tamara D. - Kassick, Andrew J. - Knapton, Daniel J. - Kulagina, Nadeshda V. - Lee, Christopher A. - Lee, Mikyung - Menz, Terri L. - Micheletti, Randy R. - Qian, Jianghong - Rector, Stacey R. - Stephenson, Corey R.J. - Waldeck, David H. - Wlker, Gilbert C. - Weber, Stephen G. - Yang, Hua

Tau

Texas A&M University

Babyak, Carol M. - Jackson, Glen P. - Lu, Xiaoling - Pratt, Gregg A. - You, Lingfeng

Chi

Washington State University

Cunningham, Garry - Douglas, Matt - George, Shannon - Herbison, Sarah - Kurosaki, Hiromu - Ochsner, John - Palazzolo, Amy - Payne, Rosara - Rock, Dan - Rosenberg, Barry - Sebbly, Kari - Tiffany, Marcella - Wright, Cortney S. - Wright, Donna

Alpha Alpha

Rice University

Arthur, Jeffrey A. - Blankenship, Amanda M. - Callicott, Karen L. - Chao, Stephen K. - Choo, Joshua H. - Clopton, Kristin - Cohen, Michael B. - Crabbe, Lesley M. - Dalton, Kathryn E. - Davila, Sam Z. - Davis, Aaron M. - Durham, Elizabeth L. - Edgar, Andrew C. - Feist, Raymond S. - Feldman, Michael S. - Foster, Kimberly A. - Grysen, Katie L. - Harrison, Christopher A. - Harrison, Scott A. - Holland, Theresa A. - Koay, Eugene J. - Liaw, Winston R. - Lim, Paolo P. - Melton, Julia S. - Meyer, Michelle M. - Mikhail, Alan M. - Mittal, Vivek - Nagji, Alykhan - Ngo, Jeffrey K. - Pilas, Dana R. - Russo, Marc W. - Saksena, Nina - Schroeter, Robert W. - Shieh, Felice - Smith, Kurt A. - Vandesteeg, Nathan A. - Ware, Alicia A. - Wilks, Jonathan A. - Williams, Rebekah K.

**Alpha Gamma
Northwestern University**

Edleman, Nikki L. - Haynes, Christy L. - Hong, Sukwon - Jensen, Tryg R. - Kinnear, Brian S. - Lieberman, Raquel L. - Magyar, John S. - Pless, Jason D. - Rijssenbeek, Job T. - Sone, Eli D. - welk, Margaret E.

**Alpha Epsilon
Kansas State University**

Barnes, Erin M. - Chikan, Viktor - Hall, Jeffrey E. - Hamaker, Christopher - Hou, Yanwen - Howells, Annette R. - Klabunde, John S. - Munsch, Tamara E. - Pauzaskie, Peter J. - Rasinski, Stephanie L. - Stoeva, Savka I. - Stoimenov, Peter K. - Zhu, Yifei

**Alpha Iota
Auburn University**

Abner, John O. - Bach, Lindsay J. - Baker, Tyler P. - Bernauer, Jacob J. - Bryan, Mary I. - Caldwell, Clyde R. - Case, Angela J. - Casey, Carmella M. - Casey, Cobb M. - Curtis, Demetria R. - Emerson, Zachery I. - England, Aaron M. - Hamilton, David M. - Hamilton, Phillip G. - Littrell, Missy R. - McHenry, Rebecca S. - McIntyre, Mary E. - McKenzie, Lisa M. - Mitchell, Blake C. - Mobley, Lauren E. - Morehouse, Jason A. - Nunn, Ashley B. - Pathasema, Joshua P. - Pinkston, Timothy G. - Reed, Pamela J. - Schaab, Matthew R. - Smallwood, R. Scott - Stephenson, Ned A. - Thomas, Susan A. - Wainright, Amy E. - White, Korey D. - Whitley, Devan E. - Wilkinson, Lydia A.

**Alpha Psi
Wayne State University**

Aasmul, Mona - Beydoun, Hattem A. - Chui, Mei P. - Dolney, Nicole Y. - Freij, Richard - Janczuk, Adam J. - Kane, Jeffery J. Jr. - Klapacz, Joanna - Lerney, Anne C. - Llano-Sotelo, Beatriz - Miranda, Neil F. - Plass, Katherine E. - Qi, Jun - Sarowski, Kristen - Stanley, Joel R. - Taxil, Elsa M. - Wang, Zhengqiag

**Beta Theta
Arizona State University**

Augustus, Annemarie S. - Blanchard, Kyle - Boysworth, Marc K. - Branch, Allison - Conser, Tara L. - Gilchrist, Kevin B. - Fontes, Consuelo A. - Goetz, Kristen J. - Janczyk, Alexandra - McClain, Danielle L. - Marino-Ochoa, Ernesto - Niederkofler, Eric E. - Pfeiffer, Roger K. - Springer, Joseph W. - Tomeh, Chafee K. - Vijaisimh, Pooja K. - Wright, Cortney S.

**Beta Xi
Xavier University**

Alexander, Monica R. - Blossom, Eddy G. - Burch, Dracon M. - Dejan, Brian M. - Dorsey, Mary L. - Dupard, Tracie M. - Fonbah, William S. - Garvin, Toni M. - Hollier, John M. - Humphrey, Tamara S. - Jackson, Ladonna S. - Jarrett, Claude D. - Parsons, Chenoa R. - Payne, Christina D. - Porter, Jhana K. - Price, Adrian A. - Quintal, Lori M. - Rachal, Henry III - Ray, Nina S. - Ricks, Naeemah - Rippey, Jacoba A. - Ritter, Brandinika S. - Stevens, Ariane M. - Stevens, Candace E. - Stuckey, Jameika M. - Turner, Jacquelyn S. - Ward, Karachie H. - Welch, Bartel - Woods, Daisy D. - Worrell, Theophilieus

**Beta Pi
Saint Cloud State University**

Gregory, Daniel D. - Hamada, Yahia Z. - Evenson, Mary A. - Mahroof-Tahir, Mohammad - Mrozek, Randy A. - Roller, Stacy L.

**Beta Sigma
Valparaiso University**

Anderson, Colleen M. - Colba, Sara E. - Crowgey, Erin L. - Cutler, Kenneth A. - Duguid, Erica M. - Hedstrom, Heidi L. - Holub, Janette L. - Johnson, Katherine B. - Kammrath, Aster E. - Kilyanek, Brooke E. - McCusker, Kevin P. - Neumann, Melissa K. - North, Benjamin C. - Nush, Timothy W. - Porter, William W. - Pudlo, Nancy A. - Seremet, Jonathan J. - Tagbo, Nwamaka - Urbanczyk, Lauren M. - Vangomple, Ryan J. - Voges, Andrea B. - Vonderau, Kara R. - Winkler, Adrienne M. - Witt, Allison M. - Wittbracht, Jenny L.

Initiates 2001

**Epsilon
University of Washington**

Alden, Erin - Baird, Emily E. - Brown, Christopher M. - Burnum, Kristin E. - Chitnis, Sangreta - Chong, Helen K. - Clark, Courtney - Clark, Eiko - Cleveland, Bradley R. - Conklin, James - Cruz, Asia - Edwards, John M. - Edwards, Meghan R. - Erwert, Ryan D. - Fender, Jessica - Fisher, Cynthia - Gaman, Emily A. - Gebrenegus, Marian - Giesen, James M. - Greene, Lori E. - Halatchev, Ilia - Hammer, Margaret - Hippen, Ben - Hsu, Jessica - Hunt, Jody C. - Hunter, Joshua - Kafsack, Bjorn F. - Kehl-Fie, Thomas E. - Kerr, Tovah - Kim, Jamie - Klosterman, Nicole - Kraus, James M. - Lausche, Adam C. - Lee, Mary J. - Leung, Wai-Ho - Lin, Shin-E - Lun, Cindy - Loughlin, Christie A. - McBride, Theresa L. - Meabon, James S. - Menefee, Samara J. - Mitchell, Graham T. - Moore, Kevin - Mueller,

Natascha R. - Ngo, Elise - Nguyen, Nguyen-Khol - Nojiri, Christopher S. - Ong, Hansel - Ornstein, Bradley - Oulyan, Richard - Palm, Jennifer - Penn, Justin D. - Penner, David - Perry, James A. - Pratt, Emily B. - Rotter, Katrina R. - Salnick, Erica - Samujh, Christopher A. - Shaw, My L. - Shin, Sam S. - Siemion, Wendy - Sien, Sang-Ien - Sien, Sang-Wha - Smith, Gretchen J. - Snyder, Sean M. - Spikar-Mihalic, Paolo - Stevens, Daniel S. - Sylvester, Erin L. - Tamura, Yasuko - Temkin, Paul A. - Trost, Margaret - Tucker, Catherine N. - Tun, Christina - Tuttle, Lisa M. - Wei, Chien - Wei, Joseph H. - Wen, Kwun W. - Widlund, Per O.

Rho University of Nebraska

Anderson, Daniel R. - Bair, Christine A. - Boerner, Brian P. - Burger, Erin C. - Chapman, Sarah - Dai, Peng - Erickson, Christine A. - Faraci, Jill A. - Fitzgerald, Lisa A. - Genrich, Mikala A. - Germann, Monica A. - Guretzky, Tara J. - Karle, Elizabeth M. - Leseberg, Sarah M. - Martindale, Laura - Nelson, Mary A. - Olson, Bradley J. - Osborn, Kim A. - Pletther, Jessica R. - Poskochil, Jamie W. - Rawalt, Rebecca E. - Schroeder, Scott D. - Schuetz, Steven A. - Soden, Amber J. - Swafford, Brian M. - Tredway, Alyson L. - Turner, Matthew B. - Whittington, Jodell E. - Williams, Sarah L. - Woods, Kylie A.

Alpha Alpha Rice University

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Procedure for Nominating Honorary Members

All chapters are urged to participate in nominating honorary members. Remember that regular membership in the Society in no way precludes consideration for Honorary membership. The procedure used for nomination and selection is as follows:

- (a) Honorary members shall be nominated by local chapters.
- (b) Each chapter shall be limited to two nominations in any one year.
- (c) The nominating chapter shall submit a letter of nomination and a biographic sketch of their nominee including publications authored, positions held, honors received, and services rendered.
- (d) Fifty (50) copies of the nomination shall be forwarded to the national Secretary by November 15 of the year of submission.
- (e) The National Secretary shall distribute the information on the nominees to the chapters by December 15.
- (f) The chapters shall return their votes on each nominee to the National Secretary by February 15.
- (g) The award shall be presented by the nominating chapter in cooperation with the National Officers.

Travel Grant Program

At the 1980 Congress the representatives established a fund for the purpose of subsidizing travel expenses of student members presenting papers at scientific meetings. I would like to urge members who are in need of support for such travel to avail themselves of this opportunity. **To improve the use of this fund the 1998 Congress removed the match requirement by the chapters.** There are two allocation periods established, July 1 to December 31 and January 1 to June 30. Applications for travel grants will not be considered earlier than November 15 for the January to June period and May 15 for the July to December period. Applications must be received by the National President no later than one month before the meeting at which the paper is to be presented.

Applications should include the following information: applicants name and chapter; name, date, and location of the meeting to be attended; abstract of the paper to be presented; funds requested; travel mode; and signature of the applicants chapter counselor and chapter president.

Any given chapter is eligible to have any of its members receive a travel grant up to **\$250 semiannually**. Grant applications received by the president in the two week period following the November 15 and May 15 dates shall be considered and choices made on a random basis in the event that the total requests are more than the funding available for the allocation period. Chapters which have not received funds in the given year will be given preferential consideration. Requests received after the initial two week period will be considered on a first come first served basis. Eligibility for a travel request, based on the quality of the abstract and the nature of the meeting where the paper will be presented, is to be determined by the chapter and will not be performed by the national president.

Instructions for Authors

All members of the society are invited to submit articles for publication in **The Register**.

Articles submitted for consideration should not be highly technical ones which require meticulous reviewing but more general in nature such as: 1) Reviews of important areas of chemistry with the objective of looking at the progress which has been made and the future direction the area is likely to take. 2) General overviews of the nature of chemical research in various non-academic research institutes. 3) Articles which will acquaint the membership with the history and development of the society. 4) Articles dealing with the philosophies and politics of science.

Within the context of these four types of articles members are invited to both submit articles of their own or encourage qualified chemists to contribute articles. The rules regarding the processing of articles for publication are minimum but include:

1. Submitting articles should be restricted to a length of 2000 words or less.(6-7 double spaced pages).
2. All articles should be typed, double spaced and submitted in duplicate.
3. The suitability of an article for publication will be determined by the Editor in consultation with members of **The Register** Committee and the Executive Committee.
4. The deadline for receipt of articles will be September 15.
5. Authors will be consulted regarding any possible revisions or changes in articles prior to publication.
6. Articles should be mailed to the Editor: Dr. Richard White, CSB/SJU, 37 S. College Ave., St. Joseph, MN 56374-2099.

The 1998 Congress established a \$500 per year award to be given to the outstanding paper presented to the Register by student PLU members. The purpose is to foster student publications. Papers must be submitted following the guidelines above. Submitted papers will be judged by five chapter presidents serving as peer reviewers.

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