



DEPARTMENT OF BIOLOGY

Hurricane Savitz Hits Florida



(Photo Credit: Michael Masellis, Biology Major)

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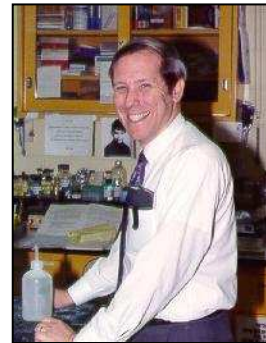
Dear Friends:

We are pleased to present our first edition of the Department of Biology Newsletter. It is intended to reflect in picture and word the vibrant energy of our Department.

The Newsletter will be devoted to covering the many Departmental activities, seminars and events, initiatives and developments; faculty, student, and staff awards and prizes. Creative works by our Department members, announcements, and Profiles will also be included. Our goal is to publish online on a bi-monthly basis throughout the year.

I would like to thank everyone who contributed to our launch edition. The design, planning, and edit were jointly by Audrey Berry, Nancy McVittie, and Elaine Lehman. Nancy served as reporter-at-large and photographer for selected pieces. We invite all members of the Biology Department to participate and contribute any item of interest at biologydept@luc.edu.

Enjoy and we look forward to seeing you in print!



Jeffrey Doering, PhD
Professor and Chairman
Tel: 773-508-3620

SEMINARS & EVENTS

Wed, May 11

Research Poster Presentations & 2004-05 Mulcahy Award Recipients Poster Presentations. Time and Location TBA, Life Sciences Building. For more information, please contact Audrey Berry, 773-508-3620.

Fri, Apr 29

MA in Medical Sciences Reception. Details to follow. For more information, please contact Suzzane Whiting, swhitin@luc.edu.

Thurs, Apr 28 & Fri, Apr 29

Annual Frontiers in Science Symposium & Poster Sessions. The Symposium will be with poster sessions on both days. Our invited speaker will be Dr. Joy Zedler, the Aldo Leopold Chair in Restoration Ecology, University of Wisconsin, Madison. Dr. Zedler will speak about Restoration Ecology. Time and Location TBA. For more information, please contact Audrey Berry, 773-508-3620

Thurs, Apr 21

Seniors Reception, all Biology seniors are invited by Dr. Jeffrey Doering, Department Chair, to an informal gathering in celebration of their upcoming commencement and soon-to-be status as alumni. 4:00-6:00pm, McCormick Lounge, LSC. Sponsored by the Department of Biology. Free for all Biology seniors; prior reservation is required. For more information and to RSVP, contact Nancy McVittie at 773-508-3620 or by e-mail, biologydept@luc.edu.

Future Science Teachers' Club Meeting, an opportunity to meet with students interested in all levels of science education; Agenda and location TBA, Life Sciences Building, LSC. Sponsored by the Department of Biology; free and open to all. For more information, contact Diane Jokinen at 773-508-3653.

Wed, Apr 20

Seminar for Biology Graduate Students. TBA

Ecology Journal Club

Diverse Group of Participants

Read and Discuss Papers
relevant to field

Meets Weekly:
Every Wednesday, 2-3pm
during
2005 Spring Semester

For more information, contact
Pamela Geddes:

E-mail: pgeddes@luc.edu

Fri, Apr 8

Greenhouse Gasses Alter the Nutritional Quality of Plant Tissues; Implications for Herbivores and Food Webs, an informal seminar for the Loyola community, activists, and guests; interim associate provost for research and professor of Biology, Nancy C. Tuchman, Ph.D., will be presenting; 10:30 a.m. - noon, held at LSC; room TBA. Co-Sponsored by the Department of Mathematics and Statistics and College of Arts and Sciences; admission is free for all. For more information, contact CURL at 312-915-8603 or 312-915-7760. Visit their website at <http://www.luc.edu/curl/>.

Thurs, Apr 7

Rambler Network Night, an evening of networking with Loyola alums for Loyola undergrads; alums representing diverse educational and professional backgrounds will be present to answer questions about your future; 7 - 9 p.m., Bremner Lounge, Centennial Forum Student Union, LSC. Sponsored by the Department of Internship and Career Center and the Office of Alumni Relations; admission is free and open to all Loyola undergrads. For more information, contact Megan Keeler via e-mail at mkeele1@luc.edu.

Wed, Apr 6

A free seminar for Biology graduate students hosted by the Biology Department; Dr. Yi Rao, Department of Neurology, Northwestern University, Feinberg School of Medicine, will be guest speaker; 11:30 a.m. – 12:20 p.m., Rm. 412, Life Sciences Building, LSC. For more information, contact Audrey Berry at 773-508-3620.

Fri, Apr 1

Get Hired, the Spring 2005 Job and Internship Fair for all majors; professional attire is required. All attendees are encouraged to bring an adequate supply of resumes for distribution; 1 - 4 p.m., Joseph Gentile Center, LSC. Sponsored by the Internship and Career Center; \$10 fee for non-Loyola students; free for Loyola students and alumni. For more information, contact Cookie Krupa at 773-508-3354.

Wed, Mar 23

"Retroviruses, Soybeans, and the Blues," a free seminar for Biology graduate students hosted by the Biology Department; Howard Laten, Ph.D., biology professor, will be presenting; 11:30 a.m. - 12:20 p.m., Rm. 412, Life Sciences Building, LSC. For more information, contact Audrey Berry at 773-508-3620.

Planning an Event? Tell us about it!

E-mail: biologydept@luc.edu

Tues, Mar 22

Meet the Majors! All Biology Undergraduates are welcome and encouraged to attend this informative event. Department Chair Dr. Jeffrey Doering will be on hand to present and to answer inquiries regarding requirements, scheduling, new courses and much more. Also in attendance and available for questions will be Dr. Patrick Duffie, Undergraduate Advisor, Dr. Terry Grande, Graduate Program Director and Joyce Knight, CAS Graduation Evaluator. Tuesday, March 22, 2005. LSB, 142 (Auditorium) 4:00-5:00pm. For more information, call 773-508-3620 or e-mail BiographyDept@luc.edu.

Fri, Mar 18

SCIENTIFIC MISCONDUCT: The Good, The Bad, and The Ugly, a non-technical talk on glaring examples of fraud in science by Professor James A. Harrington, Rutgers University; 3:45 p.m., 10th floor, Hussey Lounge, Damien Hall, LSC. Refreshments start at 3:30 p.m.; sponsored by the College of Arts and Sciences, Research Services, the Center for Science and Mathematics Education, the Department of Biology, Chemistry, Natural Science, Philosophy, Physics, and the Bioethics Minor Program. Free and open to the public; for more information, contact Nelda Hislop-Lawrence at 773-508-3533, or by e-mail at nhislop@luc.edu.

Thus, Mar 17

Future Science Teachers' Club Meeting, an opportunity to meet with students interested in all levels of science education; agenda includes information on courses offered during Fall 2005, advice on class selection, etc; 5:30 p.m., Rm. 312, Life Sciences Building, LSC. Sponsored by the Department of Biology; free and open to all. For more information, contact Diane Jokinen at 773-508-3653

Planning an Event? We want to know about it!

E-mail: biologydept@luc.edu

MA IN MEDICAL SCIENCES INAUGURAL RECEPTION

The first class of Loyola's Master of Arts in Medical Sciences program (MAMS) hosted an Inaugural Reception on Thursday, 17 March 2005, in McCormick Lounge, Lake Shore Campus. Special thanks to all of the MAMS students. Sally Fell, Pre-Health Advisor to the MAMS program, described the event.



Left to Right: Justin Gasper, Vanessa Yoo, Dr. Isiaah Crawford (Dean, CAS), Erin Lynch, Susmita Ayyagari, and Anjali Rao. (Photo Credit: Joe Schlupe)

...Program faculty, staff, and University administrators responsible for the program's inception were warmly welcomed by a committee of MAMS students. Decorated to celebrate St. Patrick's Day, food was graciously funded by Fr. Michael Garanzini, and included large, green cookies shaped as four-leaf clovers. Good fortune may well have been the unspoken theme of this occasion.

The late afternoon festivities were entirely organized by the MAMS students to introduce and thank those responsible for creating their world. Replete with an ongoing slide show in the background depicting MAMS students engaged in activities which have been held throughout the year, an informative, clever and endearing series of short speeches were given. Students presented main features of the program, sharing stories of the caring community established which fostered comfort and support as a means to promote learning, rather than competition; and told of the uniquely enriching experiences garnered through their volunteer work in clinical settings.

In closing, one student spoke for all in expressing heartfelt gratitude to those who have made their program possible, and so enabled their dreams a chance to come to fruition. Among those thanked: Fr. Michael Garanzini, President of the University; Dr. Isiaah Crawford, Dean, College of Arts & Sciences; Dr. Jeffrey Doering, Professor and Chair, Department of Biology; Dr. Diane Suter, Associate Professor of Biology and Director of the Master of Arts Program; and several biology faculty members.



Left to Right: Cliff Gazda, Brian D'Anza, Dr. Jeffrey Doering (Chair, Biology), Vanessa Yoo, Susan Whiting (Admin. Asst., Biology), Fr. Michael Garanzini (President), Dr. Diane Suter (Director, MAMS), Erin Lynch, Dr. Isiaah Crawford (Dean, CAS). (Photo Credit: Joe Schlupe)

\$40K Illinois Water Resources Center Grant Award

Congratulations to Emma Rosi-Marshall, PhD, on her research grant award from the Illinois Water Resources Center. We asked her to provide a brief summary of her research.

Occurrence and effects of pharmaceutical chemicals in Chicago metropolitan area streams: Statement of critical regional or State water problem

By Emma Rosi-Marshall, PhD

In recent years a novel suite of contaminants, pharmaceuticals and personal care products (PPCPs) have received increased attention. Recently PPCPs have been detected in surface waters receiving wastewater treatment effluent in highly urbanized watersheds. Although it is known that PPCPs are widely used, the ecological effects of these novel contaminants in surface waters are not currently known. PPCPs are a unique suite of contaminants for three reasons: 1) wastewater treatment plants appear not to be effective at total removal of these contaminants; 2) although they are not persistent chemicals, i.e., they can be biologically or abiotically degraded, they are continually entering surface waters via wastewater treatment effluent; and finally 3) PPCPs were specifically designed to have a biological effect, therefore the likelihood that they will have consequences for biota may be high.

Loyola University Chicago is uniquely situated within close proximity of surface waters receiving large amounts of wastewater effluent. The goals of this project are to establish study sites in the metropolitan Chicago area to periodically measure the concentrations of PCPPs and to measure the effects of 3 common PPCPs on four major components of stream ecosystems (algae, detritus, grazers and shredders).

Because urban streams receive numerous other contaminants (such as metals, PCBs, etc.) and increased impervious surface areas, sediment run-off, altered hydrological and physical regimes influence urban stream communities, it is difficult to determine which aspect of urbanization is responsible for ecological degradation. In order to overcome these limitations, I will to use the newly built artificial stream facility at Loyola University Chicago to study PPCPs effects on food resources and stream macroinvertebrates. The presence of PPCPs in Illinois streams does not necessarily mean there is an ecological effect of these contaminants. The results of this study will inform policy makers and regulators about the ecological threat of these compounds.



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LOYOLA BIOLOGY GOES TO HONG KONG

By Dr. William Rochlin

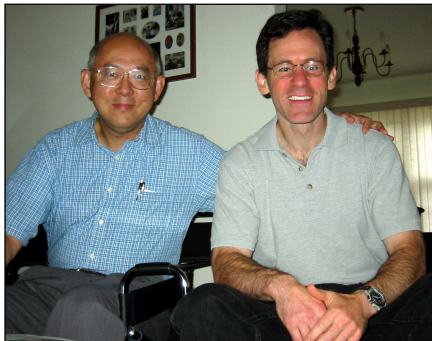
A colleague at Hong Kong University of Science and Technology (HKUST), Professor and Chair of Biology, H. Benjamin Peng invited me to lecture and conduct research. This is a great opportunity for me and I believe Loyola will benefit as well. My work in Hong Kong will bring international recognition to Loyola and I will have the opportunity to learn a technique that will be applicable to my research.



In Hong Kong, I will be giving nine lectures on various topics in Neurobiology. Although I will be in Hong Kong for three weeks, I will only be absent for the last two weeks of lectures at Loyola. However, owing to the fact that both schools are set up for live webcasts I have arranged to continue to lecture to my Cell Biology class during the final two weeks of the term. This technology permits both participants to see and hear events at both sites. If the webcast lecture format is successful, this technology will enable other lecturers in our Department who need to be absent for meetings or other professional trips to continue with their lectures.



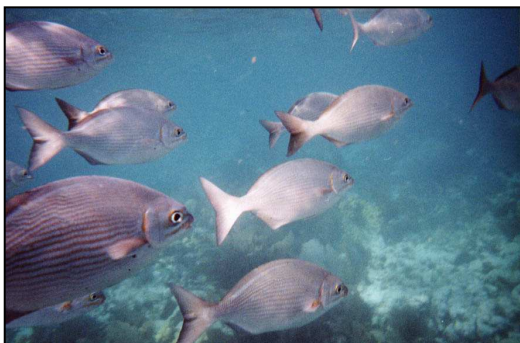
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Developmental Neurobiology
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E-mail: wrochli@luc.edu



The research that I will conduct in Hong Kong with Dr. Peng will benefit both myself and others in our Department. I will be using two state-of-the-art confocal microscopes, including one that is ideal for live imaging. It has been my hope for some time to image axons engaged in pathfinding in living specimens and the ability to do this will significantly improve my chances for obtaining federal funding. Furthermore, our Biology Department is considering purchasing a confocal microscope with live imaging capability so my becoming familiar with this technology will help us make a wise decision. Dr. Peng's laboratory is also learning a state of the art protein labeling technique known as tetracysteine labeling. This technique represents a breakthrough in the potential for live imaging because proteins of interest are modified by only 6 amino acids which is much less likely to disturb protein function than the 238 amino acid modification that is currently in use. This technique will be of use to others in our Department.

HURRICANE SAVITZ HITS FLORIDA

Dr. Jan Savitz took Marine Biology lab students to Key Largo, Florida, during Spring Break. Offered for the first time, the trip proved to be a success: Dr. Savitz attributes this to the active participation and adventure of the students - and to Janelle Morano, Graduate Student and teaching assistant on the trip. We would like to thank everyone for their wonderful comments. Special thanks to Arthur Osmelak and Melissa Carillo for the group photo; to Michael Masellis for the beautiful images of aquatic life.



Coming on this trip I did not really know what to expect...by the end of the trip I felt I gained tremendously by experiencing marine ecosystems first hand. **This kind of educational learning cannot be experienced in the classroom...One must be one with the ecosystem.** My fondest memory was learning how to canoe so that I could experience the mangrove trails on water. This experience left me with an **infinite amount of memories** from group experiences to learning first hand about marine ecosystems. – Arthur Osmelak

This Marine Biology lab is by far the best experience I ever had. The firsthand chance to experience and learn everything Dr. Savitz was teaching is something I will never forget. I wish everyone can have a chance to experience what we experienced. I truly feel I am very lucky to have been able to take this class and go on this trip...We were all able to build and strengthen friendships... **This is my favorite memory of my years here at Loyola and I hope the Biology Department will continue to offer this class in the future.** – Alfred Haddad



Not only did I **get to know an amazing group of people**, but the experience actually helped me to learn more about materials that we learned about in lecture. Kayaking and walking through a mangrove path, I learned all about the types of mangroves in the keys, where exactly they are located relative to the water, and how to identify them. Also, the experience on the glass-bottom boat taught me about the different types of organisms living in the reefs and how much time goes into the development of the reef. **I think that this trip was a wonderful experience and that this opportunity should be given to other marine biology classes in the years to come.** - Joana Eliopoulos

I would like to extend my thanks to Dr. Jan Savitz and the Biology Department for the spring break marine biology trip to Key Largo. As any scientist knows there is a huge difference between reading about something in a textbook and seeing it in real life. **The marine biology trip was an opportunity to see science in real life.** From the mangroves stabilizing new islands offshore, to seeing (and hearing) a school of parrotfish glide effortlessly over the reef stopping occasionally to take a mouthful of coral, or watching a nurse shark slip into an undersea ledge, the trip proved to be a wonderful learning experience. **The trip was also a strong reflection on Loyola's commitment to excellence in education.** - Michael Masellis



Future Science Teachers' Club

By Diane Jokinen

The Future Science Teachers' Club was formed in the spring of 2003 as a result of Loyola's application for accreditation through the National Council for Accreditation of Teacher Education (NCATE). We realized while compiling the application that the best way for students to meet some of the requirements set forth by the National Science Teacher Association was through a club. We meet four times a semester and have taken field trips to Jackson Park, Adler Planetarium and the Museum of Science and Industry; always focusing on educational and classroom issues.



Roberta Lammers-Campbell, PhD, and Diane Jokinen are spearheading the Future Science Teachers' Club.

In the two years that the club has been in existence, it has proved helpful to students in several ways. It helps them meet graduation requirements on topics such as laboratory safety, use of community resources in teaching and coverage of controversial issues in science education. Students wishing to become science teachers need to keep track of requirements in their science major as well as those in the School of Education. The Club has served as a place where they can get advice for navigating the program. One of the greatest benefits of the Future Science Teachers' Club has been its service as a forum for students to meet other education-minded colleagues. One final goal of the club is to help raise the profile of teaching as a career option among our science majors. We frequently have had students attend meetings to ask questions, listen to other students and decide whether to pursue a career as a science teacher.

For more information about the Future Science Teachers' Club, contact:

Diane Jokinen
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Roberta Lammers-Campbell, PhD
Tel: 773-508-3651
E-mail: rlammer@wpo.it.luc.edu

RECENT GRANT SUCCESSES

In 2004, the Department of Biology secured 7 grants, totaling \$1,158,092:

Faculty:	Title	Agency	Award
Kroll, William	Junior Science & Humanities Symposium 2004-05	Department of the Army	\$10,000
Savitz, Jan	Movement and Relocation of Smallmouth Bass and Large Mouth By Fishing Tournament Anglers	National Oceanic and Atmospheric Administration	\$16,231
Berg, Martin	Monitoring and Assessing Illinois Surface Waters	Environmental Protection Agency; Illinois EPA	\$17,900
Coombs, Sheryl	Polymer Bioinspired Sensored Integration	Department of Defense; University of Illinois Urbana/Champaign	\$54,000
Kroll, William	Research and Engineering Apprenticeship Program-2004	U.S. Army; Academy	\$5,200
Tuchman, Nancy	REU Supplement Request: Collaborative Research: Elevated Atmospheric CO2 Alters Plant Detritus Nutritional Quality: Effects on Microbial and Detritivore Food Webs in Aquatic Ecosystems	National Science Foundation	\$6,000
Williamson, Kim	Molecular Genetic Analysis of Malaria Antigens Allergy and Infectious Disease	National Institute of	\$1,048,761

Forthcoming Publications

Dr. William Rochlin. Include:

Yamout, A., Spec, A., Cosmano, J., Kashyap, M., and Rochlin, M.W., Neurotrophic Factor Receptor Expression and In Vitro Nerve Growth of Geniculate Ganglion Neurons That Supply Divergent Nerves Dev. Neurosci. (in press)

Vilbig, R., Cosmano, J., Giger, R., Rochlin, M.W., The Response of Geniculate Neurites to Lingual Chemorepellents Depends on Developmental Stage and Neurotrophic Factors. J. Neurocytology.

These publications feature the work of graduate students Tom Dillon and Adam Yamout, as well as undergraduates Jason Saldanha, Andrej Spec, and Ryan Vilbig.

NOTEWORTHY STUDENT ACHIEVEMENTS

Undergraduate students Andrej Spec and Ryan Vilbig, and graduate student Renhua Huang will be presenting posters at this year's Association for Chemoreception Sciences meeting in Sarasota, Florida in April.

The following students earned 2004-05 Mulcahy scholarships. They will present posters on 11 May 2005:

Nadia Alvi
Megan Frawley
Lukasz Gierut

Jenny Krizman
Katherine Marsh
Junaid Mohsin

Payal Patel
Michael Stokas
Ryan Vilbig

Lenna Walters

December 2004 Awards:

Biology Honors & Recipient of Silver Key (3.8 GPA):

1. Ian Field
2. Renata Starr

Undergraduate Research Award Certificate

1. Michael Chiu
2. Aida Dzankovic
3. Pauk Zurek

BIOLOGY STUDENT ORGANIZATIONS

BGSA: Biology Graduate Student Association

By Sarah Olson, President

This has been quite a year for Loyola's Biology Graduate Students. Last summer was exciting, with three students successfully defending their theses. Congratulations to Michelle Rafacz, currently a PhD student at The University of Chicago, Adam Yamout, currently attending medical school at Des Moines University, and Matthew Bozovsky, now a PhD student at Northwestern. Even though the MS program matriculated three students this year, we have also welcomed four new students for the 2004-2005 school year. Janelle Morano, working with Dr. Terry Grande, Kathi Jo Jankowski and Monika Freyman, working with Dr. Nancy Tuchman, and Michael Phipps, working with Dr. Kim Williamson, have all been great additions to the program. These new students have been busy researching possible projects and preparing for their upcoming thesis proposals, while senior graduate students are hard at work trying to complete their projects.



*Picture caption: Loyola MS students gather at Hamilton's to welcome new graduate students into the program.
(Photo Credit: BGSA. Left to Right, back row: Michael Phipps, Peter Grudzien, Renhua Huang, Jennifer Koshorek; front row: Kathi Jo Jankowski, Sarah Olson, Monika Freyman. Not shown: Amanda Fabiano)*

OF INTEREST.

Artist-In-Residence: Hunter O'Reilly

Biologists are naturally creative individuals who explore life in different settings. In this column are samples of artistic works by faculty, students, and staff members of the Biology Department.

In this issue, works by Hunter O'Reilly, PhD, are displayed. An internationally-shown artist and experienced geneticist, Hunter provides unique perspective in her art.



Photo Credit: Brian Bednarek

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DNA Is Everywhere: DNA Fingerprinting I

*bacteria.oil on canvas
50 X 75 IN.
Hunter O'Reilly, Ph.D.
1999*



*Viewing DNA Under the Moonlight
2003. Drawings created with living bioluminescent*



Red Marrow. 2001

If you would like to display some of your artwork (art, writings, etc.), please submit to us via e-mail at biology@luc.edu .

STUDENTS AT WORK



2. Amanda Fabiano, Graduate Student



1. Ash Bavarian and Rachael Hettinger, Senior Students



3. Left: Shana Gallant, Junior and Magis student registered for the Restoration Ecology lab. Shana is working on a prescribed burn in McHenry County with the McHenry County Conservation District.



4. Sarah Olson, Graduate Student and President, BGSA



5. Right: Samranvit Gosbu, Freshman and Megan Garland, Sophomore

Grateful acknowledgement is made to *The Phoenix* for permission to reprint published material, images nos. 1, 2, 4, 5; to Dr. Roberta Lammers-Campbell for print of unpublished material, image no. 3.

TALK

Faculty and Staff Service Honors

The second annual Faculty and Staff Service Recognition Luncheon, hosted by Michael J. Garanzini, S.J., President, took place on Wednesday, 9 March 2005. Faculty and staff members who celebrated five-year increment anniversaries at Loyola, beginning with 10 years of service, were honored at the event.

10 Years of Service

Martin Berg
Robert Morgan
Kim Williamson

20 Years of Service

Joseph Schlupep

35 Years of Service

Robert Hamilton
Jan Savitz

15 Years of Service

Barbara Haas
John New

25 Years of Service

John Quinn

Sujack Teaching Excellence Award

Congratulations to Pat Duffie, Jutta Heller, and Warren Jones on their nominations for the 2005 Edwin T. and Vivijeanne F. Sujack Award for Teaching Excellence in the College of Arts and Sciences.

The Sujack Awards, established in 1994, each year recognizes two outstanding teachers in the College of Arts and Sciences. The Department of Biology has been honored to have several faculty members considered for and presented with this prestigious Award: In 2004, Marty Berg and Warren Jones were nominees; Bill Wasserman was a recipient. Howard Laten was a recipient of this prestigious award in 2002.

We Couldn't Have Done It Without You!

Thank you, John Kelly, Bob Morgan, and Bob Hamilton, for helping out with this year's **Phone-a-thon** for prospective new freshmen! Also, Many Thanks to Bob Morgan, Bob Hamilton, and Kim Williamson for help with last year's event!

Thanks to Bryan Pickett, Hunter O'Reilly, Dom Castignetti, and Howard Laten for assisting with **Open Houses** for prospective students this past Fall. Thank you, Diane Suter, Bob Morgan, and Bryann Pickett, for participating in 2004 Spring Open House.

Round of Applause

- Howard Laten, Louis Lucas, Emma Rosi-Marshall, and Bill Rochlin are recipients of summer research awards for this summer.
- Bryan Pickett was awarded a Leave-of-Absence for this coming fall. He will perform research on zebra fish development at University of Chicago.
- Diane Suter was nominated for last year's Graduate Faculty Member of the Year Award.

Announcements & Birthday Greetings

Congratulations to Dr. Jeffrey Doering on the arrival of his first granddaughter, Miriam Claire Crisman, in February! The new grandfather beamed, "She weighed in at 7 lbs. 10 oz. and, of course, she's gorgeous."

Happy, Happy Birthday! to our March celebrants Marc Wezowski, Warren Jones, Mary Ann Glogowski, Arden Davidson, and Diane Jokinen; to April celebrants Jan Savitz, Emma Rosi-Marshall, and Pat Duffie!

Happy, Happy Belated Birthday to January celebrant Nancy Tuchman!

Profiles: A Conversation with Joe Schluep

Joseph (Joe, to us!) Schluep, EM Technologist, will celebrate his 20th year at Loyola this May. We had an animated chat with him.

You're celebrating twenty years this year at Loyola. Tell us a bit about your background pre-Loyola.

I was born in Chicago, across the street from Marquette Park – South side. Grew up in Oak Lawn: St. Linus Catholic School, Richards High School, Moraine Valley Junior College and then NIU for five years. I studied Biological Sciences and I was an ecology/botany emphasis.



Where did you work before Loyola?

This is my first job!

How did you come to Loyola?

I had a graduate advisor at NIU who thought it would be interesting for me to take this class in electron microscopy for a project we were working on. I took it, had fun and the next year I saw this ad for an EM tech position. I applied and got hired.

What is the best thing about Loyola?

It's a fun job most of the time, pretty laid-back, you know – it's a fun place to come [to]. Most times there's different things going on. Most times it's new and exciting.

Do you have a favorite memory from the past twenty years?

Twenty years... that's a lot of memories. I don't know if I could pick out just one best.

If you were handed a million dollars and told to get something for the lab, what would you buy?

A confocal microscope would be pretty nice. And a pizza oven.

You teach here at the University, as well as working in the lab. What do you enjoy most about it? What keeps you teaching?

It's always fun working with the students. You know, they see something in the microscope, they get excited and you get excited because they're excited.

Tell us a bit about your racquetball team.

Well, Jerome Lucas taught me how to play racquetball about four or five years ago. Now a bunch of us try to play three or four times a week at lunch. It's myself, Jerome, Dr. Berg and Nathan Clark from the sports center. We play singles, cut-throat, doubles...whatever pairing we can get together. Sometimes Dr. Kroll will get in on it...

What are you looking forward to at Loyola in the next twenty years?

Seeing my daughter walk across the stage, getting her degree or degrees.

What would you like to see happening in the lab over the next twenty years?

Replacing all the major pieces of equipment. Getting more people taking classes here now that we have a larger area to work with. Having more people down here doing more research.

Can you tell us one thing that no one would ever guess about Joe Schluep?

He played violin in high school orchestra for two years.

Do you still play?

No.

If someone who knew nothing about our Department here at Loyola asked you about it, what would you like them to know?

It's a rather exciting, dynamic group of people and everybody really does seem to get along with each other.

Submission Guidelines

- The Newsletter will be used to promote and be devoted to covering the many Departmental activities, seminars and events, initiatives and developments; faculty, student, and staff awards. Creative works by our Department members, announcements, and Profiles will also be covered.
- **The Newsletter is circulated within the Department and will be made available on the internet via the Biology web site. Our goal is to publish online on a bi-monthly basis throughout the year.**
- Authors/contributors should keep in mind that readers may not specialize in their area particular of work.
- Articles vary in length between about 50 and 600 words.
- We welcome photographs and images to accompany articles; please provide captions when submitting the photographs/images. Either hard copy or digital format of the images is acceptable.
- Articles may be submitted by any method, however, the preferred transmittal is electronic format via e-mail.

Questions? Contact Us

Should you have any questions, please do not hesitate to contact us at biologydept@luc.edu.

The Department of Biology Newsletter is edited by Elaine Lehman and Jeff Doering.

Hard copies of articles, images, etc. may be forwarded to us at LSC, LSB, Rm. 317, Attn: Nancy McVittie.

**Submittal Deadline
for Newsletter No. 2:**

Friday, 04/22/05

E-mail: biologydept@luc.edu