

AUGUST

Biochemistry and Molecular Biology

NOTES



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Congratulations!

David Crabb, chairman of the Department of Medicine, has been named the John B. Hickam Professor of Medicine. Dr. Hickam was appointed as professor and chairman of the IUSM Department of Medicine in 1958, and this professorship in Medicine was established in 1970. Dr. Crabb was named chairman of the Department of Medicine earlier this year.

Brian Gibbons won the 2001 Pauling Prize competition at the Annual American Crystallographic Association meeting in Los Angeles, CA for his poster entitled "X-ray structure of rabbit muscle glycogenin: A unique self-glucosylating enzyme" by Brian Gibbons, Peter Roach, and Tom Hurley. This award, named in honor of Dr. Linus Pauling, is open to all graduate students presenting posters at the meeting and his poster was chosen from over 80 poster entries. The award included a check for \$200 and a copy of Dr. Pauling's classic textbook "General Chemistry".

Debbie Thurmond received a DRTC grant with the title of "Regulation of Insulin Secretion by SNARE Protein".

Ariel Castro of Lawrence Quilliam's lab is being awarded a grant from the Center of Excellence for Women's Health entitled "Role of Rap1 and Estrogen in Lymphangioleiomyomatosis".

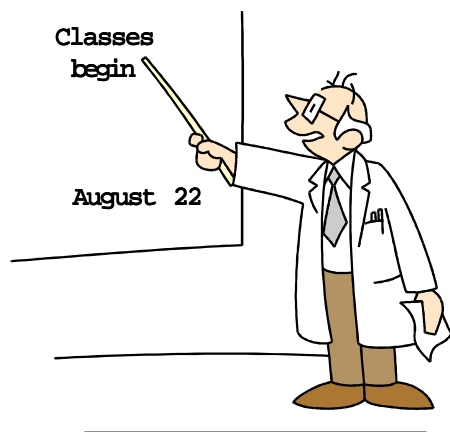


Hye-Sook Kwon and **Ke Zhan** were married on June 9 in Chengdu, China. A second wedding reception was held for the bride's family on June 23 in Daejeon, Korea.

John Hawes received a new grant award from NSF for "Enzymatic Properties and Biological Roles of Novel Betahydroxacid Dehydrogenases in Plants and Bacteria".

Congratulations to Grandma **Wil Davis**. Her son Patrick and his wife Diana have provided her with yet another grandchild. Landen Patrick Davis was born on July 30th. His two older sisters are not going to know what to do with a boy around! Mom, Dad and Grandma are sure happy, though. Landen makes Wil's grandchild count an even dozen. Congratulations to all!

Congrats to **Becky** and **Edward Chan** on the birth of their second daughter, Sarah Elizabeth, who was born on Sunday July 8, weighing in at 7lbs. 3 oz., and measuring 20-1/2" long. Mom and baby are well and older sister Rachel is very happy.



Important Dates

8/1 American Diabetes Assn
 8/1 NIH Committed contin
 8/15 JDF Preapplication
 8/22 Classes begin
 9/1 NIH Committed contin
 9/1 JDF International
 9/15 21st Century Technology and Research Fund
 9/15 Cancer Research Foundation of America
 9/30 March of Dimes Birth Defects Foundation
 10/1 NIH new research, committed continuations
 10/1 Leukemia and Lymphoma Society
 10/1 American Cancer Society Postdoctoral Fellowships
 10/6 Biochem Retreat at Indianapolis Art Center
 10/15 American Cancer Society Research Scholar Grants
 11/1 NIH Competing contin.
 11/10 National Kidney Foundn.
 11/22 THANKSGIVING
 12/11 Finals begin
 12/12 CHRISTMAS
 1/1/02 HAPPY NEW YEAR!
 1/7 Classes Begin
 1/15 American Heart Assn.
 1/22 American Heart -Midwest
 2/1 American Diabetes Assn.
 3/1 American Cancer Society Postdoctoral Fellowships

Dean's Office Deadlines - Aug

8/24 NIH Committed Cont.
 8/24 JDF International

Dean's Office Deadlines - Sept

9/6 Leukemia and Lymphoma Society
 9/6 Cancer Res. Found.
 9/20 March of Dimes Birth Defects Foundation
 9/17 NIH Research grants, committed contin.
 9/17 American Lung Assn.
 9/17 American Cancer Society



8/1 Elevator invented
 8/7 Revolving door invented

Safety Training

All new Biochem grad students are required to attend a 2 hour Safety Training presented by Environmental Health and Safety on **Friday, Aug. 24 from 2:30 to 4:30 in the Emerson Hall Auditorium.** This will cover General Safety, Lab Safety, and Bloodborne Pathogens. This session is also open to all other employees who need the training or would like a refresher.

All new grad students who are not able to attend on this date must attend a future session to be held in the Union Building. Please contact John Pieper in the Biochem Office at 4-5351 if there are any questions.

August Birthdays

1 Paula Ladd
 7 Dave Gibson
 23 Darlene Lambert



New Faces in Biochemistry



Debbie Thurman and Frank Wirtzmann, new faculty, were introduced in last month's issue, but we weren't able to obtain their pictures in time for publication.



Charles Nicholson, Research Technician in the lab of Howard Edenberg



Mandar Joshi is a new grad student on rotation.



Angela Nevins, new grad student



Summer interns from left to right: Jennifer Dixon (Anna DePaoli-Roach), **Renee Simon** (Peter Roach), and **Suzanne Inchauste** (Suk-Hee Lee and John Hawes).

Recent Publications

Hsieh MM, Hegde V, **Kelley MR**, Deutsch WA. Activation of APE/Ref-1 redox activity is mediated by reactive oxygen species and PKC phosphorylation. *Nucleic Acids Res.* **29**(14):3116-22.

Kobune M, Xu Y, Baum C, **Kelley MR**, Williams DA. Retrovirus-mediated expression of the base excision repair proteins, formamidopyrimidine DNA glycosylase or human oxoguanine DNA glycosylase, protects hematopoietic cells from N,N',N''-triethylenethiophosphoramidate (thioTEPA)-induced toxicity in vitro and in vivo. *Cancer Research* **13**, 5116-25.

Kreklau EL, **Limp-Foster M**, Liu N, Xu Y, **Kelley MR**, Erickson LC. A novel fluorometric oligonucleotide assay to measure O(6)-methylguanine DNA methyltransferase, methylpurine DNA glycosylase, 8-oxoguanine DNA glycosylase and abasic endonuclease activities: DNA repair status in human breast carcinoma cells overexpressing methylpurine DNA glycosylase. *Nucleic Acids Research* **29**(12):2558-66.

Chiho Isogai, Walter E. Laug, Hiroyuki Shimada, Paul J. Declerck, Monique F. Stins, **Donald L. Durden**, Anat Erdreich-Epstein, and Yves A. DeClerck. Plasminogen Activator Inhibitor-1 Promotes Angiogenesis by Stimulating Endothelial Cell Migration toward Fibronectin. *Cancer Research* **61**, 5587-5594.

Shenghua Wen, Javor Stolarov, Michael P. Myers, Jing Dong Su, Michael H. Wigler, Nicholas K. Tonks, and **Donald L. Durden**. PTEN controls tumor-induced angiogenesis. *PNAS* **98**, 4622-4627.

Stephen F. Kralik, Xiangnan Du, Cama Patel, and **James P. Walsh**. A Method of Quantitative Extraction of Sphingosine 1-Phosphate into Organic Solvent. *Anal. Biochem.* **294**, 190-193.

Timm, DE; Liu, J; Baker, LJ; Harris, RA. Crystal Structure of Thiamin Pyrophosphokinase. *J.Mol. Biol* **310**, 195-204.

21st Century - Rounds 4 & 5

The Indiana 21st Century Research and Technology Fund announced 2 more competition rounds: Round 4 has a deadline of 9/15/01 and Round 5 has a deadline of 6/1/02. It is expected that at least \$21 million will be available for each round.

A 21st Century Fund Proposal Workshop is being held in Bloomington from 10 a.m. to 2 p.m. on Tuesday, Aug. 7 in Ballentine Hall, Room 011. If interested, please RSVP to resdev@indiana.edu.

More Congratulations

Sandy McClain is a new grandma twice over in less than 1 month! Granddaughter Kaylee was born to stepdaughter Christina on June 17, and grandson Gavin was born to stepson Brad on July 17. Little ones and their parents are doing fine, and grandma Sandy is proud.