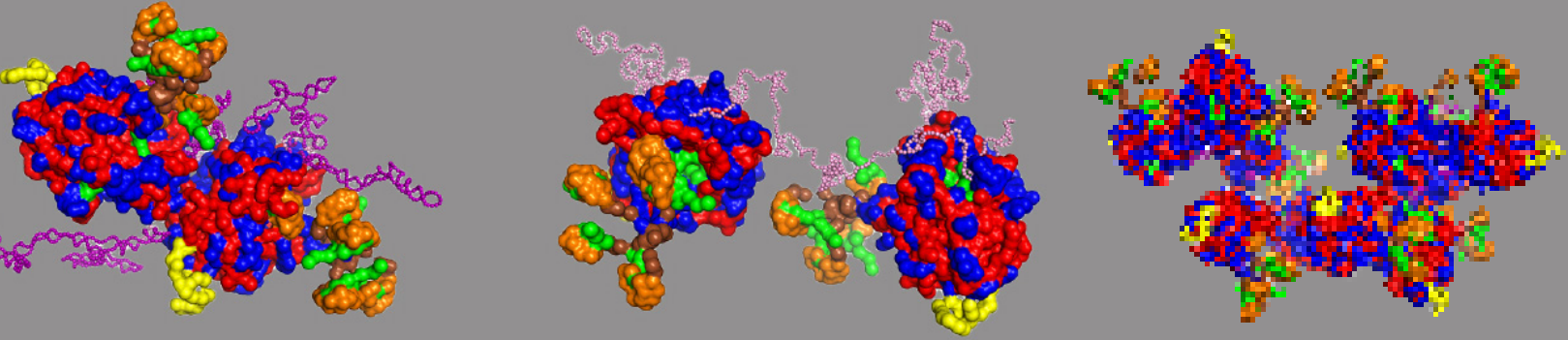


Biochemistry and Molecular Biology

Newsletter 2020-21



Message From The Head

Greetings members, alumni, supporters, and friends of Biochemistry at the University of Iowa!

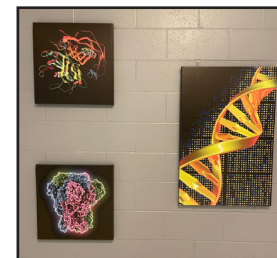
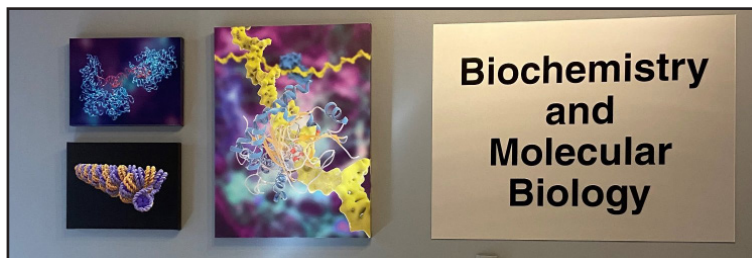
The 2020-2021 edition of this newsletter reveals the tremendous change that has occurred over the past 18 months in our department. We hope that you find this edition an enlightening tale of our community, resilience, commitment to teaching, and research excellence during the unprecedented times imposed by the COVID-19 pandemic. Transformation is most evident in the heading of this newsletter. Upon picking up this newsletter, you may have noticed that the department shed its 73-year-old name and acquired a new modern title of the Department of Biochemistry and Molecular Biology. This name change more accurately reflects the department's research expertise and educational offerings and keeps pace with recent advances in the scientific discipline. There has also been a change in leadership. Dr. Brenner left the University of Iowa after 11 years as Head to pursue a position at City of Hope, and I was appointed interim chair. I have been a member of the department since 2006, and I assumed responsibilities as interim chair in August of 2020.

No place is transformation more evident than in the way we conduct business. On March 16, 2020, in response to the threat and uncertainty posed by COVID-19, the Carver College of Medicine closed its doors to operations. For three months, activity in the labs was minimal, and classes were offered exclusively in a virtual format. Since then, we have gradually returned to normal activity. The labs are churning out ground-breaking research findings, and our graduate and undergraduate students have resumed face-to-face instruction in the classroom. In September, the department hosted its first seminar speaker for an in-person visit in over eighteen months.

We all look forward to the continued transformation that is imminent in the year ahead. We await the lifting of the final restrictions that keep us masked and unable to share refreshments together. We anticipate the return to presenting our work in person at national meetings, and we eagerly await the commencement of a national search for a new chair of Biochemistry and Molecular Biology. I have immense enthusiasm that next year's edition of this newsletter will tell the tale of a new chair for our department.



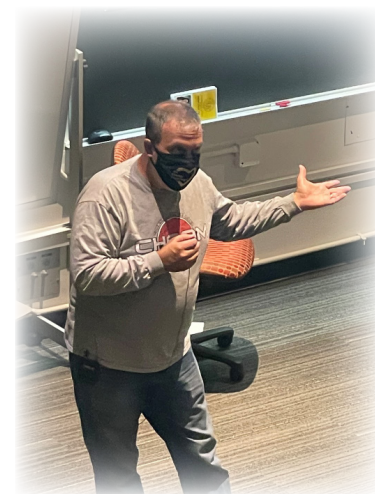
Dr. Kris DeMali
Professor and Interim
DEO, Department of
Biochemistry and
Molecular Biology



Transformations...

In the Classroom

In the early days of the pandemic, all classes converted to a virtual format. It was a challenge for many of our faculty to offer their courses virtually. Among these courses was the undergraduate Biochemistry laboratory course, which adapted by providing the students with data obtained by previous years' students. Starting in the Fall of 2021, the Department of Biochemistry and Molecular Biology began offering all courses live. The enrollment of many of these courses is quite large (over 250 students in the non-majors course), so many faculty and students use face masks to protect themselves and their classmates.



Todd Washington, PhD
Professor

In This Issue:

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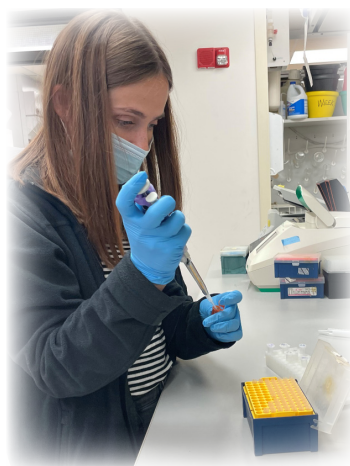
Faculty Recognition

Newly Awarded Grants

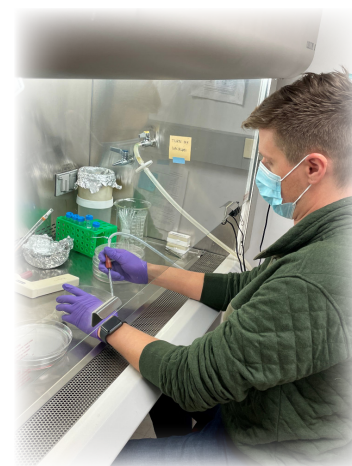
Alumni Accomplishments

In the Laboratory

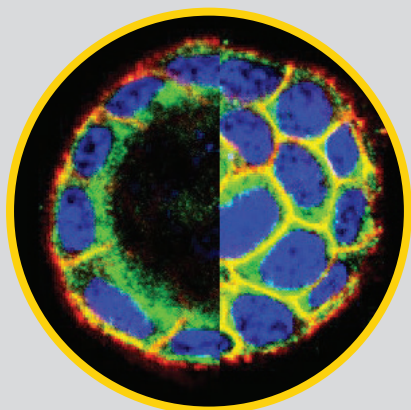
When the College of Medicine re-opened the research laboratories in the Summer of 2020, plexiglass barricades, face masks, and reduced numbers of researchers were routine in the daily operations of the laboratories. While we have largely shed the plexiglass shields and returned to pre-pandemic numbers of researchers, face masks continue to be the norm in many laboratories.



Emily Laving
Graduate Student



Nick Cronin
Graduate Student



Undergraduate News

Rex Montgomery Scholarship Prize

Brianna Lupo (Musselman laboratory) and **Francesca Spencer** (Weeks laboratory) were awarded the **2020 Montgomery Biochemistry Scholar's Prize**. **Geoff Collins** (Price laboratory) and **Guowei Qi** (Schnieders laboratory) were awarded the **2021 Montgomery Biochemistry Scholar's Prize**. These students were recognized for their outstanding research accomplishments and excellent presentations at the Lata Symposium. This prize was established to commemorate the late Dr. Rex Montgomery, Professor Emeritus of the Department of Biochemistry and Molecular Biology, who was admired for his impact as a researcher, teacher, and mentor. Dr. Montgomery was an internationally recognized carbohydrate biochemist and textbook author. While on the faculty, he served as Associate Dean for Academic Affairs in the Carver College of Medicine, Interim Vice President of Research for the University and was the founding director of the University of Iowa Physician Assistant Program. Dr. Montgomery retired in 2005 after more than 50 years on the faculty.



Geoff Collins (Left)
Guowei Qi (Right)

Rex Montgomery Scholarship Award

Geoff Collins (Price laboratory), **Dariya (Dasha) Kozlova** (Davies laboratory), and **Cade Rahlf** (Shea laboratory) were awarded the **2020 Rex Montgomery Scholarship Award**. **Aimee Butler** (Spitz laboratory), **Emily Herum** (Shea laboratory), **Spenser Johnson** (Spitz laboratory), **Natalie Voss** (Geerling laboratory), and **Grant Welk** (Spitz laboratory) were awarded the **2021 Rex Montgomery Scholarship Award**. Rex Montgomery Scholarships recognize sophomore or junior undergraduate students for their outstanding academic record and commitment to research. The purpose of this scholarship is to ease the recipient's financial load at the University of Iowa during their undergraduate education and research training.



Grant Welk (Left)
Natalie Voss (Middle)
Aimee Butler (Right)

Wittmann & Khorana Scholar Award

Nick Shaw (Wallrath laboratory) won the **2020 Professor H.G. Wittmann Scholar Award**. After graduation, Nick continued to perform research in the Wallrath laboratory on nuclear envelope-related myopathies. Next fall, he plans on attending dental school. **Emeleeta Paintsil** (M. Spies laboratory) won the **2020 Professor H.G. Khorana Scholar Award**. She examined the functions of RAD52 on replication fork remodeling enzymes. She is currently attending the Medical College of Wisconsin to pursue a PhD in their Interdisciplinary Doctoral Program in Biomedical Sciences. The Wittmann and Khorana Scholar awards are given to a male and female Biochemistry major, recognizing their exceptional understanding of biochemistry.

Dariya (Dasha) Kozlova (Davies laboratory) won the **2021 Professor H.G. Khorana Scholar Award**. Dasha performed research in the Davies laboratory examining how different mutations in the human ANGPRL3 protein affect the activity of cellular lipases. **Daniel Conway** (Elcock laboratory) won the **2021 Professor H.G. Wittmann Scholar Award**. Daniel performed research in the Elcock laboratory using protein structure predictions to identify new integral membrane proteins in *E. coli*. Both Dasha and Daniel are currently attending medical school at the University of Iowa.

Undergraduate News



Guowei Qi (Schnieders laboratory), a 2021 Biochemistry BS student with Honors in the Major, received the **2021 Churchill Scholarship** and is one of 17 scholars in the country. He is the fifth Hawkeye to receive

the award. The scholar's program was created in 1963 and funds one year of study at Churchill College in the University of Cambridge. Guowei will be performing research at the University of Cambridge's Yusuf Hamied Department of Chemistry. Upon completion of his scholarship, Guowei tentatively accepted an offer to attend Stanford University's Biophysics PhD program.

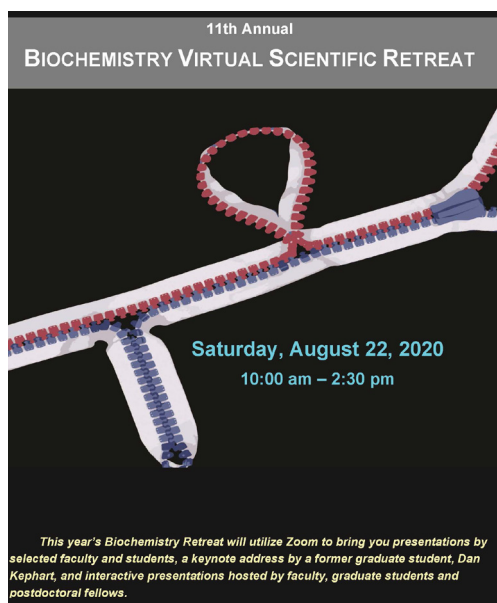
Francesca Spencer, a 2020 Biochemistry BS student with Honors in the Major, co-authored a paper published in *Nature Scientific Reports*. The paper, *Geophysical Monitoring of Simulated Homicide Burials for Forensic Investigations*, discusses the geophysical monitoring of simulated clandestine burials on the University of Keele campus. Francesca plans to continue her forensics studies as a graduate student at the University of Utah.



Benjamin Hinz (Wallrath laboratory), a Biomedical Engineering undergraduate researcher, received an **Iowa Center for Research by Undergraduates (ICRU) Fellowship** for the 2020/21

Academic Year. His research focused on how mutations in the human LMNA gene encoding nuclear lamins cause rare types of muscular dystrophy. In addition, Ben was awarded a **Victoria Finnerty Award** to present a poster at the 62nd Annual Drosophila Research Conference and was awarded the **Ishan Jain Junior Scholar Travel Award** to attend the 2021 American Society for Biochemistry and Molecular Biology Annual Meeting. Impressively, Ben recently published a first author paper, *In Silico and In Vivo Analysis of Amino Acid Substitutions That Cause Laminopathies*, in a Special Issue of the *International Journal of Molecular Sciences* called "Nuclear Envelope Proteins 2.0."

Two 2020 Biochemistry undergraduate students, **Paula Valiño Ramos** (BS Biochemistry) and **Victoria (Tori) Cassady** (BA Biochemistry & BS Microbiology), were featured in the **2020 Dare to Discover campaign**. This campaign features scholars, creators, and researchers from across the University of Iowa on banners throughout Iowa City.



Retreat Highlights

The Department of Biochemistry and Molecular Biology hosted its 11th annual and first-ever virtual scientific retreat on Saturday, August 22, 2020. The retreat started with a farewell word from former chair, Dr. Charles Brenner, followed by an introduction to the department's new interim chair, Dr. Kris DeMali. We then welcomed our eight incoming graduate students. The retreat included interactive oral and poster presentations, and a presentation by keynote speaker Dan Kephart, Vice President of Research and Development at LGC. Dr. Kephart presented his ideas in a talk titled "Bright Opportunities on the Dark Side." His presentation included a discussion of his time in Iowa, and how he decided to work in the industry. Dr. Kephart fielded questions from faculty and students.

The cover of 2020's program was provided by **Dr. Marc Wold**. His article titled, *A Slipped-CAG DNA-Binding Small Molecule Induces Trinucleotide-Repeat Contractions in Vivo*, was published and featured on the cover of the *Nature Genetics* journal.

Gene F. Lata Undergraduate Research Symposium

Spring 2020 Presenters

Olumayokun (Mayo) Akinbo

Mentored by Scott Lieberman

Implications of Tyrosine Kinase 2 in Lacrimal Gland Disease in a Mouse Model of Sjögren's Syndrome

Angela Benton

Mentored by Robert Cornell

*Investigating the Neural Crest Gene Regulatory Network: Identification of an Enhancer Nearby *tfap2a**

Brianna Lupo

Mentored by Catherine Musselman

The Molecular Basis of Multivalent DNA-Binding by the BRM AT-Hook and Bromodomain

Angela Mahoney

Mentored by Sheila Baker

Development of a Cell-Based Assay to Investigate KCNV2 Retinopathy

Emeleeta Paintsil

Mentored by Maria Spies

The Mechanism of Stalled DNA Replication Forks Protection by the RAD52 DNA Repair Protein

Francesca Spencer

Mentored by Daniel Weeks

How Protein Aggregation May Establish Nucleolar Domain Formation and Function

Fall 2020 Presenters

Jacob Lam

Mentored by E. Dale Abel

Activating Transcription Factor 4 Controls Mitochondrial Morphology and Metabolism in Skeletal Muscle

Jade Miller

Mentored by Maria Spies

Inhibition of RAD52 in BRCA2-Deficient Cancer Cells

Spring 2021 Presenters

Geoffrey Collins

Mentored by David Price

A Multifaceted Approach to Understanding the Role of the 7SK snRNP in Transcription Regulation

Daniel Conway

Mentored by Adrian Elcock

*Using Protein Structure Predictions to Identify New Integral Membrane Proteins in *E. coli**

Mikayla Eppert

Mentored by Sarit Smolikove

Study of Long-Range Resection in Meiotic Homologous Recombination

Benjamin Grimm

Mentored by Ronald Weigel

AP-2a Drives Melanoma Metastasis

Renato Jensen

Mentored by E. Dale Abel

Metabolic Phenotyping of Mice with Skeletal Muscle-Specific DRP1 Deficiency

Dariya (Dasha) Kozlova

Mentored by Brandon Davies

Analysis of Human ANGPTL3 Mutants: EL and LPL Inhibition

Guowei Qi

Mentored by Mike Schnieders

Protein Structure Prediction Using a Maximum Likelihood Formulation of a Neural Network

Emma Sailor

Mentored by Sheila Baker

Investigating Retinal Metabolism in KCNV2 Retinopathy

Sydney Walker

Mentored by Lori Wallrath

*Modeling Laminopathies in *Drosophila*: Muscle and Adipose Dysregulation*

Graduate Student News



Colleen Caldwell, a graduate student in the M. Spies laboratory, received the **University of Iowa Carver College of Medicine Trainee Scholar Travel Award**. Colleen's first author publication, *Dynamics and Selective Remodeling of the DNA-Binding*

Domains of RPA, demonstrated her commitment to research and the research mission of the College of Medicine.



Will Hacker, a graduate student in the Elcock laboratory, was awarded the **2020 Graduate Research Excellence Award**. The Graduate Research Excellence Award honors students in terminal degree programs conducting research and scholarly activity that is recognized

as highly original work and makes a significant contribution to the field.



Gillian DeWane, a Molecular Medicine graduate student in the DeMali laboratory, was a recipient of the **Graduate College Post-Comprehensive Research Fellowship**. This fellowship program recognizes students with distinguished academic achievement during their early

graduate training.



Alicia Salvi, a graduate student in the DeMali laboratory, was awarded a **NIH F31 Pre-doctoral Fellowship**. The NIH F31 fellowship's purpose is to support the research and training of underrepresented groups in the biomedical, behavioral, or clinical research workforce. Alicia's project,

Investigating E-cadherin mechanotransduction, was selected for the award as it emphasized her exceptional potential as a predoctoral student.

New PhD Candidates (2020)

Adnan Ahmed

MS, Zoology
Texas Tech University

Nicholas Hammons

BS, Biochemistry & Molecular Biology
North Dakota State University

Rebecca Splitt

BS, Biochemistry
Bradley University

Grace Ciampa

MS, Biology
University of Massachusetts-Lowell

Miriam McDonough

BA, Biochemistry/BA, Neuroscience
Simpson College

John Tworek

BA, Biochemistry
Augustana College

Ashley Goll

BS, Biology
The University of Iowa

Spydel Nardy

BS, Biochemistry
Iowa State University

New PhD Candidates (2021)



Logan Dawson

BS, Biochemistry and
Molecular Biology
University of
Wisconsin-Eau Claire



Lucy Langmack

BA, Biochemistry
The University of
Iowa



Sydney Walker

BS, Biochemistry
The University of
Iowa

Graduate Student News

Recent PhD Graduates

Fall 2019



Melissa Gildenberg, MD, PhD
(Washington laboratory)
Clinical Fellow at Brigham and Women's
Hospital
Boston, MA

Fall 2020



William Hacker, PhD
(Elcock laboratory)
Postdoctoral Research Scholar
in Dr. Adrian Elcock's laboratory
at the University of Iowa

Spring 2020



Tingting Duan, PhD
(Geyer laboratory)
Postdoctoral Research Scholar in Dr.
Pamela Geyer's laboratory at the
University of Iowa

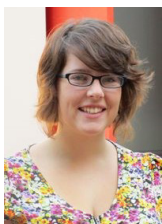


Ryan Mahling, PhD
(Shea laboratory)
Postdoctoral Research Scientist at
Columbia University
New York, NY

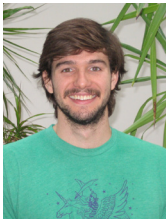
Spring 2021



Julio Sanchez, PhD
(Musselman laboratory)
Postdoctoral Fellow at St. Jude
Children's Research Hospital
Memphis, TN



Colleen Caldwell, PhD
(M. Spies laboratory)
Postdoctoral Research Scholar in
Dr. Maria Spies's laboratory at the
University of Iowa

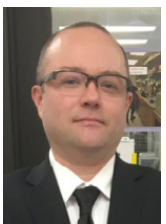


Sean Tompkins, MD, PhD
(Taylor laboratory)
Resident in Internal Medicine at the
University of Illinois
Chicago, IL



Diamond Jelani, MS
(Fuentes laboratory)
Rockford, IL

Summer 2020



Devin Reusch, MS
(Washington laboratory)
Research Assistant, Protein and
Crystallography Facility at the
University of Iowa



Robert McDonnell, PhD
(Elcock laboratory)
Postdoctoral Research Scholar in Dr.
Adrian Elcock's laboratory at the
University of Iowa



Brittany Ripley, PhD
(Washington laboratory)
Postdoctoral Research Fellow,
Molecular Physiology and
Biophysics at the University of Iowa



Alicia Salvi, PhD
(DeMali laboratory)
Senior Scientist at Zoetis
Lincoln, NE



Nitija Tiwari, PhD
(Fuentes laboratory)
Research Scientist at Corteva
Agriscience
Johnston, IA

Faculty Recognition



Dr. Kris DeMali has been appointed Chairperson of the **NIH Intercellular Interactions (ICI) Study Section**. The ICI Study Section concentrates on cell-cell interactions with an emphasis on the connection between the dysregulation of these interactions and disease.



Dr. Maria Spies was named a **University of Iowa Health Care Distinguished Scholar**. Each scholar receives \$200,000 in funding each year consecutively for three years to support and expand their research.



Dr. Pamela Geyer was elected to the AAAS Electorate Nominating Committee. This committee is tasked with identifying and recruiting candidates to run for elected offices within each discipline. Her nomination was announced in the February 2020 issue of *Science*.



Dr. Lori Wallrath and Dr. Arlene Drack received a gift in 2020 that supports their research project on the generation and characterization of fruit flies that possess a mutation in a form of retinitis pigmentosa, a rare genetic blinding eye disease.

Part of the gift will support a graduate student focused on basic science research under the tutelage of Drs. Wallrath and Drack.



Dr. Madeline Shea was awarded the **Carver College of Medicine Collegiate Teaching Award (2020)**. This award acknowledges faculty whose activities and accomplishments demonstrate unusually significant and meritorious achievement in teaching. Dr. Shea was also awarded the **2020 President and Provost Award for Teaching Excellence**. This award was created to recognize faculty members who have demonstrated a sustained, high level of teaching excellence. Dr. Shea is the founding director of the **FUTURE in Biomedicine** program: Fostering Undergraduate Talent- Uniting Research and Education.



Dr. Marc Wold was inducted into the Wall of Scholarship in February 2020. **The Wall of Scholarship** was created to highlight faculty whose publications made a powerful impact. Dr. Wold was also awarded the **Carver College of Medicine Faculty Service Award (2020)**. This award acknowledges a faculty member who has made a significant and sustained contribution to the College of Medicine in the area of service.

Publication Highlights

Kris DeMali, *Nature Cell Biology*, May 2021

Ankyrin G Organizes Membrane Components to Promote Coupling of Cell Mechanics and Glucose Uptake.

Ernesto Fuentes, *Proceedings of the National Academy of Sciences*, May 2020

The SrrAB Two-Component System Regulates Staphylococcus Aureus Pathogenicity Through Redox Sensitive Cysteines.

Pamela Geyer, *Current Biology*, April 2021

Drosophila Female Germline Stem Cells Undergo Mitosis Without Nuclear Breakdown.

David Price, *Nucleic Acids Research*, August 2020

A Unified View of the Sequence and Functional Organization of the Human RNA Polymerase II Promoter.

Miles Pufall, *Nucleic Acids Research*, May 2020

Systematic In Vitro Profiling of Off-Target Affinity, Cleavage and Efficiency for CRISPR Enzymes.

Maria Spies and Todd Washington, *Nucleic Acids Research*, May 2021

KERA: Analysis Tool for Multi-Process, Multi-State Single-Molecule Data.

Faculty Recognition

Celebrating Service

The Department of Biochemistry and Molecular Biology would like to recognize some of our professors for their service to this department, the Carver College of Medicine, and the University of Iowa. For the longevity and depth of their tenure, in 2020 we recognized Adrian Elcock for his 20 years and Sheila Baker for her 10 years of service to the College. This year, we recognized Miles Pufall for his 10 years, Ernesto Fuentes and Kris DeMali for their 15 years, and Lori Wallrath for her 25 years of service to the College. Our students, alumni, and department are grateful for their hard work and commitment.



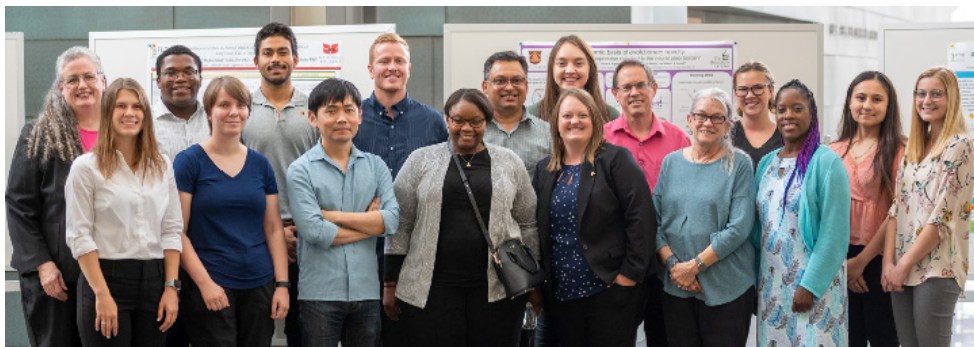
Other News



Dr. Joseph Walder, Adjunct Professor of Biochemistry and Molecular Biology, has been awarded **The Distinguished Friend of the University Award**. This award recognizes individuals who have had specific and meritorious service on behalf of the quality and advancement of the University of Iowa. Dr. Walder established Integrated DNA Technologies in 1987 and cultivated it into the world's leading source of oligonucleotides. In addition to his revolutionary contributions to the field of molecular biology, Dr. Walder is a dedicated and generous supporter of the Department of Biochemistry and Molecular Biology.

FUTURE

The FUTURE in Biomedicine program, directed by Dr. Madeline Shea, develops research and learning partnerships with professors from Iowa colleges that do not offer doctoral programs. Fostering Undergraduate Talent - Uniting Research and Education in Biomedicine: FUTURE opens University of Iowa laboratories to Iowa college professors and their undergraduates. In 2021, the 13th FUTURE in Biomedicine program hosted nine Fellows and 11 students from seven schools to conduct research and pursue collaborations with UI faculty. Keisuke Hasegawa from Grinnell College worked with Maria Spies, Bharat Raj Bhattarai from Waldorf University worked with Brandon Davies, Gary Coombs from Waldorf University worked with Lori Wallrath, and Andrew Kehr from Loras College worked with Sheila Baker.



Newly Awarded Grants



Brandon Davies
Age-and Diet- Induced Changes in Fat Partitioning
Iowa Aging Pilot Grant
UI CCOM
2020-2021



M. Ashley Spies
Dialing Down Caspase-7 Through Allosteric Control: An Integrated Approach
National Institutes of Health R01
2020-2024



Kris DeMali
Molecular Mechanisms Underlying E-Cadherin Mechanotransduction
National Institutes of Health R35
2020-2025



Maria Spies
Targeting RAD51 DNA Repair Protein for Cancer Therapy: Development of a Combined Experimental/Computational Workflow
Center for Biocatalysis and Bioprocessing Seed Grant
2019-2020



Ernesto Fuentes
Regulation of Staphylococcus Aureus Colonization and Disease
Subaward with the University of Colorado, Denver
National Institutes of Health R01
2019-2023

Cryo-electron Microscopy Studies of the Bacterial Two-Component Histidine Kinase SrrB
CCOM Innovation Research Grant
2019-2020



Determination of RAD52 and Replication Fork DNA Complex
Collaboration with Dr. Nicholas Schnicker
Pacific Northwest Center for Cryo-EM
2020-2022

Lori Wallrath
SMAD Signaling in Skeletal Muscle Laminopathies
Collaboration with Dr. Benjamin Darbro
National Institutes of Health R21
2020-2022



Pamela Geyer
The Role of LEM Domain Proteins in Nuclear Function
National Institutes of Health
Equipment Supplement
2020-2021

Aging and the Nuclear Lamina in Mitotic Stem Cells
National Institutes of Health R21
2021-2022



Daniel Weeks
Metabolic Energetics and Neurodegenerative Disease
Iowa Center for Aging Pilot Grant UI CCOM
2020-2022



Miles Pufall
Improving Chemotherapy for Children With High-Risk, Refractory, and Relapsed B-Cell Acute Lymphoblastic Leukemia
HCCC/Aiming for a Cure
2020-2022

Alumni Accomplishments



Bryan Allen, a MD, PhD graduate from Dr. Daniel Weeks laboratory, was appointed as leader of the Comprehensive Cancer Center Experimental Therapeutics (ET) Program. Dr. Allen is an Associate Professor and Associate Chair of Translational Research in the Department of Radiation Oncology at the University of Iowa.



William Hacker, who completed his PhD with Dr. Adrian Elcock, was awarded the 2021 Subramanian Award for the best PhD thesis in the Department of Biochemistry and Molecular Biology. Dr. Hacker's thesis was entitled,

Computational Modeling of the Escherichia Coli Chromosome and Integrated Simulations of Bacterial Transcription and Translation. William received his PhD in December 2020 and is currently a Postdoctoral Research Scholar in Dr. Adrian Elcock's laboratory.



Hannah Campbell, who completed her PhD with Dr. Kris DeMali, was awarded the 2020 Subramanian Award for the best PhD thesis in the Department of Biochemistry and Molecular Biology. Dr. Campbell's thesis was entitled, *Mechanisms of E-Cadherin Force Transmission*. Hannah received her

PhD in August 2019 and is currently an Applications Scientist at Integrated DNA Technologies in Coralville, Iowa. The Subramanian Award is made possible by a gift from Dr. Alap Subramanian, a 1964 PhD student from the department, who parlayed his training with the late George Kalnitsky, (and with Irving Klotz at Northwestern and Bernard Davis and Herman Kalackar at Harvard Medical School) into a highly successful career at the Max-Planck-Institute.



Susan Wente, a 1984 BS graduate with Dr. Alice Fulton, has been selected as the 14th president and first-ever female president of Wake Forest University. Since her time at the University of Iowa, she has built a reputation

as a strong leader in higher education and as a celebrated biomedical scientist. Dr. Wente has served as Vanderbilt's provost and vice chancellor for the past seven years. In 2020, Dr. Wente was named a Woman of Influence in the "Trailblazer" category by the Nashville Business Journal.



Dr. John Dagle (Pediatrics-Neonatology and secondary faculty in Biochemistry and Molecular Biology) was selected as a recipient of the Roy J. and Lucille A. Carver College of Medicine Distinguished Alumnus Award. Dr. Dagle was selected based on his service in clinical care and research in neonatal-perinatal care.

Gift Giving

Kathy Beardsworth is the Department of Biochemistry and Molecular Biology's representative at the University of Iowa Center for Advancement. Private support, which has always been important for the department, is critical today as state and additional funding become increasingly difficult to secure. With the help from private supporters, we can provide scholarships to graduate students and postdocs, invest in new, state-of-the-art equipment, fund seminars and lectureships and attract and retain outstanding faculty members. These generous gifts are the lifeline for our department's advancement and have never been more important. Kathy is available as a resource for friends of the department who are considering an outright or estate gift to Biochemistry and Molecular Biology. Kathy travels extensively and would be happy to talk with alumni and friends of the department by phone (319-467-3328) or by email (kathy.beardsworth@foriowa.org) about contributions to existing funds or initiatives such as our campaign to endow graduate education.

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The department would love to spotlight your news and accomplishments in next year's newsletter. Please email biochem@uiowa.edu with your updates and successes. Include your name, current position, address, degree, graduation year and your UI mentor.

Department of Biochemistry and Molecular Biology

BMB Faculty

Kris DeMali, DEO
Ted Abel
E. Dale Abel
Sheila Baker
John Dagle
Brandon Davies
Adrian Elcock
Ernesto Fuentes
Pamela Geyer
Andrew Norris
David Price
Miles Pufall
Peter Rubenstein
Michael Schnieders
J. Martin Scholtz
Madeline Shea
Long-Sheng Song
Maria Spies
Michael Ashley Spies
Lori Wallrath
Todd Washington
Daniel Weeks
Ronald Weigel
Marc Wold

Adjunct & Teaching Faculty

Anneke Sanders
Nancy Stellwagen
Joseph Walder
Liping Yu

Emeritus Faculty

Arthur Arnone
Thomas Conway
John Donelson
Alice Fulton
Bryce Plapp
Arthur A. Spector
Earle Stellwagen
Charles Swenson

BMB Staff

Matthew Bengé
Cyerra Hutchins
Judy Means
Paul Rogers
Rosemary Stratton

Biochemistry Stores

Troy Struzynski
Don Boehme
Stephen Peterson

SHARE YOUR ACCOMPLISHMENTS
AND FOLLOW OUR NEWS ALL YEAR
ROUND



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