

# MEDICINAL CHEMISTRY

[Overview](#)[Programs](#)[Courses](#)[Faculty](#)[Awards](#)

## Distinguished Faculty and Staff Awards

### Award for Excellence in Promoting Inclusiveness in Graduate Education

- [John S Williamson](#) - Professor Emeritus of Medical Chemistry & Research Professor Emeritus in the Research Institute of Pharmaceutical Sciences, Director of Research Development and Associate Director of Projects (2008)

### Distinguished Research and Creative Achievement Award

- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2022)
- [Marc Slattery](#) - Professor of Pharmacognosy, Environmental Toxicology in BioMolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences, Director of NIUST (2018)

### Staff Council Award - EEO4

- **CASEY STAUBER** - STAFF ASSISTANT (2013)

### Faculty Achievement Award

The Faculty Achievement Award is given annually to recognize unusual effort in the classroom, involvement with students, and active scholarship.

- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2017)
- **STEPHEN JOHN CUTLER** - CHAIR OF BIOMOLECULAR SCIENCES AND PROFESSOR OF MEDICINAL CHEMISTRY, PHARMACOLOGY AND PHARMACOGNOSY; RESEARCH PROFESSOR IN THE RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES AND DIRECTOR OF COBRE (2013)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2010)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2002)
- [MITCHELL A AVERY](#) - Professor Emeritus of Medicinal Chemistry (1998)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (1997)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1996)
- **MARY JEANNE KALLMAN** - ADJUNCT ASSOCIATE PROFESSOR (1990)

### Elsie M. Hood Outstanding Teacher Award

The Elsie M. Hood Outstanding Teacher of the Year for the University is selected from nominations submitted by students, alumni and faculty.

- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2017)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (2004)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1972)

### SEC Faculty Achievement Awards Program UM Nominee

The SEC Faculty Achievement Awards program recognizes extraordinary faculty accomplishments at SEC universities. This award honors those with outstanding records in both teaching and scholarship who serve as role models for junior faculty and students.

- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2023)

### School of Pharmacy Distinguished Teaching Scholar

The Distinguished Teaching Scholars Program recognizes excellence in teaching and dedication to student achievement. Recipients of the awards serve a three-year term and receive an annual stipend.

- [David A Colby](#) - Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Online Graduate Programs for BioMolecular Sciences (2022)
- [David A Colby](#) - Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Online Graduate Programs for BioMolecular Sciences (2021)
- [Robert John Doerksen](#) - Associate Dean of the Graduate School, Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences (2019)



- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2019)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2018)
- [Robert John Doerksen](#) - Associate Dean of the Graduate School, Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences (2017)
- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2016)
- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2015)
- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2014)

### School of Pharmacy, Faculty Instructional Innovations Award

- [Marta Noa Valcarcel Ares](#) - Instructional Associate Professor of Pharmacology and Instructional Coordinator for BioMolecular Sciences (2020)
- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2017)
- [Robert John Doerksen](#) - Associate Dean of the Graduate School, Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences (2012)

### School of Pharmacy Faculty Research Award

- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2007)
- [John S Williamson](#) - Professor Emeritus of Medical Chemistry & Research Professor Emeritus in the Research Institute of Pharmaceutical Sciences, Director of Research Development and Associate Director of Projects (2006)
- [Daneel Ferreira](#) - Professor Emeritus of Pharmacognosy and Research Assistant Professor in the Research Institute of Pharmaceutical Sciences (2005)
- [MITCHELL A AVERY](#) - Professor Emeritus of Medicinal Chemistry (2004)
- **MARK T HAMANN** - PROFESSOR OF PHARMACOGNOSY, CHEMISTRY AND BIOCHEMISTRY AND PHARMACOLOGY; AND RESEARCH PROFESSOR IN THE RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (2001)
- **DANIEL K SCHLENK** - INTERIM COORDINATOR, ENVIRONMENTAL TOXICOLOGY DIVISION OF RIPS, ASSOCIATE PROFESSOR OF PHARMACOLOGY AND RESEARCH ASSOCIATE PROFESSOR RIPS (2000)
- [MITCHELL A AVERY](#) - Professor Emeritus of Medicinal Chemistry (1997)
- [William H Benson](#) - Adjunct Professor of BioMolecular Sciences (1996)
- [James D McChesney](#) - Adjunct Professor (1995)

### School of Pharmacy, Thelma Cerniglia Distinguished Teaching Scholar

The Distinguished Teaching Scholars Program at the School of Pharmacy honors and awards faculty who have made outstanding contributions in teaching and demonstrated extraordinary dedication to student welfare and achievement.

- [Marta Noa Valcarcel Ares](#) - Instructional Associate Professor of Pharmacology and Instructional Coordinator for BioMolecular Sciences (2023)

### School of Pharmacy, Cumberland Pharmaceuticals Inc. Faculty Research Award

- [Amar Gopal Chittiboyina](#) - Principal Scientist and Assistant Director of the National Center for Natural Products Research (2023)
- [Joshua S Sharp](#) - Associate Professor of Pharmacology, Research Associate Professor in Research Institute of Pharmaceutical Sciences, and Associate Professor of Chemistry and Biochemistry (2021)
- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2019)
- [Marc Slattery](#) - Professor of Pharmacognosy, Environmental Toxicology in BioMolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences, Director of NIUST (2018)
- **STEPHEN JOHN CUTLER** - CHAIR OF BIOMOLECULAR SCIENCES AND PROFESSOR OF MEDICINAL CHEMISTRY, PHARMACOLOGY AND PHARMACOGNOSY; RESEARCH PROFESSOR IN THE RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES AND DIRECTOR OF COBRE (2014)
- [Dale G Nagle](#) - Professor Emeritus of Pharmacognosy and Research Professor in the Research Institute of Pharmaceutical Sciences (2013)
- [Jordan K Zjawiony](#) - Professor Emeritus of Pharmacognosy and Research Professor in Research Institute of Pharmaceutical Sciences (2012)
- [Marc Slattery](#) - Professor of Pharmacognosy, Environmental Toxicology in BioMolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences, Director of NIUST (2010)

### School of Pharmacy, Dean's Advisory Committee Distinguished Teaching Scholar

The Distinguished Teaching Scholars Program at the School of Pharmacy honors and awards faculty who have made outstanding contributions in teaching and demonstrated extraordinary dedication to student welfare and achievement.

- [David A Colby](#) - Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Online Graduate Programs for BioMolecular Sciences (2020)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2010)



- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2009)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2008)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2007)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2006)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2005)

## School of Pharmacy Faculty Service Award

- [David A Colby](#) - Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Online Graduate Programs for BioMolecular Sciences (2018)
- [Robert John Doerksen](#) - Associate Dean of the Graduate School, Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences (2016)
- [Kristine L Willett](#) - Chair and Professor of Pharmacology & Environmental Toxicology in BioMolecular Sciences and Research Professor in the Research Institute of Pharmaceutical Sciences (2014)
- [Robert John Doerksen](#) - Associate Dean of the Graduate School, Professor of Medicinal Chemistry and Research Professor in the Research Institute of Pharmaceutical Sciences (2011)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2009)
- [John S Williamson](#) - Professor Emeritus of Medical Chemistry & Research Professor Emeritus in the Research Institute of Pharmaceutical Sciences, Director of Research Development and Associate Director of Projects (1998)
- **WILBUR MARVIN DAVIS** - Instructor Emeritus of Pharmacology (1997)
- [Robert D Sindelar](#) - Adjunct Professor of Medicinal Chemistry and Adjunct Research Professor of Research Institute of Pharmaceutical Sciences (1996)

## School of Pharmacy, Galen Order Distinguished Teaching Scholar

The Distinguished Teaching Scholars Program at the School of Pharmacy honors and awards faculty who have made outstanding contributions in teaching and demonstrated extraordinary dedication to student welfare and achievement.

- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2013)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2012)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2011)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2010)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2009)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2008)

## School of Pharmacy, Pharmaceutical Sciences Teacher of the Year

- **STEPHEN JOHN CUTLER** - CHAIR OF BIOMOLECULAR SCIENCES AND PROFESSOR OF MEDICINAL CHEMISTRY, PHARMACOLOGY AND PHARMACOGNOSY; RESEARCH PROFESSOR IN THE RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES AND DIRECTOR OF COBRE (2012)
- [John M Rimoldi](#) - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2011)
- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2010)
- **STEPHEN JOHN CUTLER** - CHAIR OF BIOMOLECULAR SCIENCES AND PROFESSOR OF MEDICINAL CHEMISTRY, PHARMACOLOGY AND PHARMACOGNOSY; RESEARCH PROFESSOR IN THE RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES AND DIRECTOR OF COBRE (2009)
- **STEPHEN JOHN CUTLER** - CHAIR OF BIOMOLECULAR SCIENCES AND PROFESSOR OF MEDICINAL CHEMISTRY, PHARMACOLOGY AND PHARMACOGNOSY; RESEARCH PROFESSOR IN THE RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES AND DIRECTOR OF COBRE (2008)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (2003)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (2001)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (2000)
- [Robert D Sindelar](#) - Adjunct Professor of Medicinal Chemistry and Adjunct Research Professor of Research Institute of Pharmaceutical Sciences (1999)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1998)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1997)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (1996)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (1995)



- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (1994)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1993)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1989)
- **Robert D Sindelar** - Adjunct Professor of Medicinal Chemistry and Adjunct Research Professor of Research Institute of Pharmaceutical Sciences (1986)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (1985)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1983)
- **RONALD F BORNE** - PROFESSOR EMERITUS OF MEDICINAL CHEMISTRY AND RESEARCH PROFESSOR EMERITUS OF RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES (1982)
- **IRVING W WATERS** - Professor Emeritus of Pharmacology and Res Prof Emer in RIPS (1980)

## School of Pharmacy New Investigator Research Award

Presented to a new investigator who is within six years of her/his first academic appointment, and who has achieved exemplary levels of research and scholarly productivity during the preceding three academic years at the University of Mississippi.

- **Vitor Pomin** - Assistant Professor of Pharmacognosy and Research Assistant Professor in the Research Institute Pharmaceutical Sciences (2023)
- **David Cole Stevens** - Associate Professor of Pharmacognosy and Research Associate Professor in the Research Institute of Pharmaceutical Sciences (2022)
- **Jason Paris** - Research Associate Professor of Pharmacology (2020)
- **Nicole Marie Ashpole** - Associate Professor of Pharmacology and Research Associate Professor in the Research Institute of Pharmaceutical Sciences and Director of Academic Affairs for Biomolecular Sciences (2019)
- **Joshua S Sharp** - Associate Professor of Pharmacology, Research Associate Professor in Research Institute of Pharmaceutical Sciences, and Associate Professor of Chemistry and Biochemistry (2018)
- **Tracy A Brooks** - Adjunct Assistant Professor of Biomolecular Sciences (2014)
- **DAVID B MURRAY** - ADJUNCT ASSISTANT PROFESSOR OF PHARMACOLOGY (2013)

## Pharmaceutical Sciences PY1 Teacher of the Year

The Pharmaceutical Sciences PY1 Teacher of the Year award is voted on by the PY1 class. Eligible faculty are those with full-time appointments in the School of Pharmacy who are involved with the instruction of students in the B.S.P.S. degree program.

- **James Alfred Stewart** - Associate Professor of Pharmacology and Research Associate Professor in the Institute of Pharmaceutical Sciences (2023)
- **James Alfred Stewart** - Associate Professor of Pharmacology and Research Associate Professor in the Institute of Pharmaceutical Sciences (2022)
- **James Alfred Stewart** - Associate Professor of Pharmacology and Research Associate Professor in the Institute of Pharmaceutical Sciences (2021)
- **James Alfred Stewart** - Associate Professor of Pharmacology and Research Associate Professor in the Institute of Pharmaceutical Sciences (2020)
- **John M Rimoldi** - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2019)
- **John M Rimoldi** - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2018)
- **John M Rimoldi** - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2017)
- **John M Rimoldi** - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2016)
- **John M Rimoldi** - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2015)
- **John M Rimoldi** - Professor of Medicinal Chemistry and Environmental Toxicology in Biomolecular Sciences, Research Professor in the Research Institute of Pharmaceutical Sciences and Director of Research and Graduate Affairs in Biomolecular (2011)

## Pharmaceutical Sciences PY2 Teacher of the Year

The Pharmaceutical Sciences PY2 Teacher of the Year award is voted on by the PY2 class. Eligible faculty are those with full-time appointments in the School of Pharmacy who are involved with the instruction of students in the B.S.P.S. degree program.

- **Marta Noa Valcarcel Ares** - Instructional Associate Professor of Pharmacology and Instructional Coordinator for BioMolecular Sciences (2023)
- **Marta Noa Valcarcel Ares** - Instructional Associate Professor of Pharmacology and Instructional Coordinator for BioMolecular Sciences (2022)
- **Marta Noa Valcarcel Ares** - Instructional Associate Professor of Pharmacology and Instructional Coordinator for BioMolecular Sciences (2021)
- **Marta Noa Valcarcel Ares** - Instructional Associate Professor of Pharmacology and Instructional Coordinator for BioMolecular Sciences (2020)
- **Marta Noa Valcarcel Ares** - Instructional Associate Professor of Pharmacology and Instructional Coordinator for BioMolecular Sciences (2019)
- **Tracy A Brooks** - Adjunct Assistant Professor of Biomolecular Sciences (2017)
- **Tracy A Brooks** - Adjunct Assistant Professor of Biomolecular Sciences (2016)
- **Tracy A Brooks** - Adjunct Assistant Professor of Biomolecular Sciences (2015)
- **Tracy A Brooks** - Adjunct Assistant Professor of Biomolecular Sciences (2013)
- **STEPHEN JOHN CUTLER** - CHAIR OF BIOMOLECULAR SCIENCES AND PROFESSOR OF MEDICINAL CHEMISTRY, PHARMACOLOGY AND



PHARMACOGNOSY; RESEARCH PROFESSOR IN THE RESEARCH INSTITUTE OF PHARMACEUTICAL SCIENCES AND DIRECTOR OF COBRE (2012)

- [Christopher R McCurdy](#) - Adjunct Professor of BioMolecular Sciences (2010)

