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Chemistry Professor Robin Lammi to Direct University's Undergraduate Research

Winthrop University

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Chemistry Professor Robin Lammi to Direct University's Undergraduate Research

Quick Facts

- University College Dean Gloria Jones said Lammi has a proven record in bringing grants to the university, organizing initiatives and working with students on her Alzheimer's disease research.
- In this new role, Lammi will work out of the Office of Undergraduate Research housed in University College in Dinkins Hall.



Robin Lammi

ROCK HILL, SOUTH CAROLINA – **Chemistry Professor Robin Lammi** will assume new duties this month as **director of undergraduate research** for Winthrop University.

University College Dean Gloria Jones said Lammi has a proven record in bringing grants to the university, organizing initiatives and working with students on her **Alzheimer's disease research**. In this new role, Lammi will work out of the **Office of Undergraduate Research** housed in University College in **Dinkins Hall**.

Lammi said she hopes to build on the success of her predecessor, **Dwight Dimaculangan**, the biology department chair who was the inaugural director, to involve even more students in undergraduate research.

Already Lammi has worked on:

- Developing new curricula for research and independent study courses
- Organizing and directing Winthrop's **Summer Undergraduate Research Experience (SURE)** in chemistry, biology, geology and mathematics from 2007 to the present. SURE students spend eight to 10 weeks engaged in mentored research during the summer with Winthrop faculty
- Collaborating with 26 Winthrop undergraduates on scholarly work related to Alzheimer's disease – preparing students for entry into graduate and professional programs, as well as the scientific workforce
- Participating in organizing multiple conferences showcasing undergraduate scholarship
- Seeking and obtaining hundreds of thousands in grant funding to support undergraduate research

Lammi arrived at Winthrop in 2003 and was promoted this month to a full professor.

Her research involves using **visible spectroscopic tools** (harnessing the interaction of visible light with molecules) to investigate molecular properties. She works with undergraduates to quantify and understand the earliest steps in the association of **amyloid-beta**, the small protein linked to **Alzheimer's disease**.

Lammi also has published numerous scientific articles and has received research funding from the **National Science Foundation** and the **National Institutes of Health**.

She holds a bachelor's degree in chemistry from **Luther College** in Decorah, Iowa, and a Ph.D. in chemistry from **Washington University** in St. Louis, Missouri. She held a postdoctoral fellowship to study **single molecule spectroscopy** at the **University of Texas Austin**.

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