

# Department of Chemistry

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The Department of Chemistry is a place where the best and brightest undergraduate students come together to learn, building the foundation for bright futures. Our two degree programs (<https://chemistry.sciences.ncsu.edu/undergraduate/programs/>) offer flexibility in choosing the appropriate academic path to fulfill your interests and career goals. Our Bachelor of Science (B.S.) program is certified by the American Chemical Society (<https://www.acs.org/content/acs/en.html>) and trains you for entry in the chemical workforce or graduate school in the chemical sciences. Our Bachelor of Arts (B.A.) program is built around the core sub-disciplines of chemistry with the addition of elective coursework in a chosen field. This program is designed to train you for a career outside of traditional laboratory work. And excellent students looking for a challenging curriculum can enroll in our Chemistry Honors Program (<https://chemistry.sciences.ncsu.edu/undergraduate/programs/chemistry-honors-program/>).

Our undergraduate researchers work alongside our expert faculty and top-notch graduate students and postdoctoral researchers, making big discoveries that affect us all. They leave our department with real-world skills and understanding that prepare them to shape the future of chemistry. Being at a large university means a wealth of opportunities — you can choose to participate in research opportunities offered through our department or to partner with researchers in other colleges and departments around campus on interdisciplinary projects.

The Department of Chemistry combines excellent teaching with unique opportunities for research and community engagement to prepare undergraduates for future success

To learn more about this department, visit our website (<https://chemistry.sciences.ncsu.edu/>).

## Contact

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### Gavin Williams

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## Faculty

### Department Head

Edmond Bowden

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### Associate Department Head

Gavin Williams

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### Director of Undergraduate Programs

Jeremiah Feducia

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### Director of Graduate Programs

Reza Ghiladi

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### Glaxo Distinguished University Professor

Jonathan Lindsey

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### Jacob and Betty Belin Distinguished Professor

David Muddiman

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### Goodnight Innovation Distinguished Professor

Felix Castellano

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### Alumni Distinguished Undergraduate Professors

M. T. Gallardo-Williams

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## Professors

E.F. Bowden

F. Castellano

S.F. Franzen

C. B. Gorman

J.S Lindsey

J.D. Martin

D.C. Muddiman

M.T. Oliver-Hoyo

D.A. Shultz

A.I. Smirnov

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## Professors Emeriti

A.J. Banks

R.D. Bereman  
C.L. Bumgardner  
H.H. Carmichael  
D.L. Comins  
F.W. Getzen  
K.W. Hanck  
F. Hentz  
M. Khaledi  
S.T. Purrington  
W.P. Tucker  
M. Whangbo  
J.L. Whitten

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### Adjunct Professors

V. Bornemann  
V. S. De Serrano

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### Associate Professors

E. Baker  
R.A. Ghiladi  
E. Ison  
E. Jakubikova  
P.A. Maggard  
A.A. Nevzorov  
J. Pierce  
T.L. Smirnova  
D.S. Argyropoulos, *Forest Biomaterials*  
L.A. Lucia, *Forest Biomaterials*  
D.W. Brenner, *Materials Science and Engineering*  
L. Sombers  
G. Williams

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### Associate Professor Emeriti

C.B. Boss  
W.L. Switzer

D.W. Wertz

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### Adjunct Associate Professors

R. Mantz  
J.L. White

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### Research Associate Professor

G. S. McCarty

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### Assistant Professors

W.C. Chang  
D. Fourches  
V. Lindsay  
J. Ohata  
C. Proulx  
T. Theis

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### Research Assistant Professors

M. Voynov

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### Teaching Professors

P.A. Brown  
M. T. Gallardo-Williams  
L.E. Sremaniak

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### Teaching Associate Professors

J. Feducia  
M.T. Gallardo-Williams  
A. Ison  
G. Neyhart  
L.M. Petrovich  
G. Rabah  
R.W. Warren

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## Teaching Assistant Professor

M. Martin

L. Del Negro

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## Lecturer

K. Daykin

## Plans

- Chemistry (BA) (<http://catalog.ncsu.edu/undergraduate/sciences/chemistry/chemistry-ba/>)
- Chemistry (BS) (<http://catalog.ncsu.edu/undergraduate/sciences/chemistry/chemistry-bs/>)