Rutgers – The State University of New Jersey

~67,000 Students at RU:
(~48,000 undergr. >19,000 grad):
• Newark 12,000
• New Brunswick 41,500
• Camden 6,300
Rutgers Biomedical and Health Sciences 8,000

http://www.rutgers.edu/about/facts-figures

Rutgers - Newark
13 miles from Manhattan
28 miles from RU-NB
13 miles west → nature
1 hour south → beach

Watchung Reservation
Branch Brook Park

Newark and surrounding region

Newark Liberty International Airport ~10 minutes away from campus
New Jersey Transit

Map of Rutgers University in Newark

NJ Transit

Light Rail to Newark Penn Station

0.6 mile

0.2 mile
Life In Newark

15 Washington Street
Recently renovated building
Houses a student dormitory
and Jazz club, Clement’s Place

Dreyfuss Planetarium

Halsey Street area:

Ironbound district:
restaurants!

NJPAC
The Department

We R:
• 14 research faculty
• 45-50 Ph.D. students
• 5-10 Masters students
• 5-10 post-docs and visiting scholars
• support staff, including 3 full-time instrumentation facilities managers

The comradery and individualized attention of a smaller department, the Resources of a larger department.

Mikhail Solovyev Ph.D. ’22
2019 DOE Science Graduate Research Award

Qingdong Li Ph.D. ’22
2021 BASF Fellowship

Katherine Lloyd Ph.D. ’24
2021 NSF GEM Fellowship

Chemistry Department: Olson, LSC I and LSC II

opened in 2017
PhD Graduate Program in Chemistry

Comprehensive support package

- Teaching Assistantship stipend of $30,162 per year
- Possibility to earn an additional $3000+ Summer support (TA/GA)
- Full coverage of graduate tuition
- Health benefits identical to those offered to Rutgers faculty and staff
Path to PhD Degree

Find a research advisor
- Attend faculty presentations
- Meet with faculty

Complete coursework
- 8 courses
- Breadth and GPA requirements
- Teach

Candidacy exam
- Written report
- Oral defense

MORE RESEARCH!

Pre-oral
(6 months prior to finishing)

Defense
- Written thesis
- Public, oral defense
- Closed session

Career development opportunities
- Responsible conduct of research training
- Grant writing workshops
- Professional conferences
Our Faculty

Elena Galoppini
Physical organic & nanomaterials

Huixin He
Nanomaterials & analytical

http://chemistry.rutgers.edu/

Stacey Brenner-Moyer
Organic synthesis & catalysis

Michal Szostak
Organic synthesis & catalysis

Fei Zhang
Biochemistry & nanomaterials

Colin Kinz-Thompson
Physical Biophysics

Stacey Brenner-Moyer
Organic synthesis & catalysis

Elena Galoppini
Physical organic & nanomaterials

Huixin He
Nanomaterials & analytical

http://chemistry.rutgers.edu/

Multiple openings for Fall 2023
Our Faculty

Frieder Jäkle
Chair
- Inorganic & Polymers

Demyan Prokopchuk
- Inorganic & Catalysis for Energy Storage

Georgiy Akopov
- Inorganic & Solid state materials

Piotr Piotrowiak
- Physical

Jenny Lockard
Graduate Program Coordinator
- Physical, Inorganic & Materials

Michele Pavanello
- Theory
(Physics Department)

http://chemistry.rutgers.edu/

Multiple openings for Fall 2023
Our Faculty

Roger Lalancette
X-ray crystallography

Phil Huskey
Undergraduate
Program Coordinator
Physical Organic
Rutgers-Newark Resources

International Center for Public Health
• Bio-Safety Level 3 vivarium

Center for Molecular and Behavioral Neuroscience
• world-renowned for neuroscience research

Rutgers New Jersey Medical School
• Campus Connect shuttle
Career development

- Graduate student workshops
- iJOBS (Interdisciplinary Job Opportunities for Biomedical Scientists)

Internal funding opportunities

- Dissertation fellowships
- Travel awards
- Minority students are eligible for GRISE (NIH) support for up to 2 yrs
Where do our graduates go?

Recent Postdoctoral Appointments:
• MIT
• Harvard University
• Columbia University
• University of Chicago,
• Washington University
• University of Texas, Houston
• Michigan State University
• University of Minnesota
• Colorado State University
• UT Southwestern,
• Argonne National Lab,
• Savannah River National Lab
• ...

Faculty Positions:
• University of New Mexico,
• University of Pittsburgh,
• University of Delaware,
• University of Massachusetts, Boston
• University of Georgia,
• Oregon State University,
• New York Institute of Technology,
• Peking University,
• Beijing Institute of Technology,
• China Petroleum University,
• IISC Bangalore,
• IIT Bhubaneswar,
• ...

Where do our graduates go?

**Recent Industrial Positions:**
- Exxon Mobil,
- Johnson & Johnson,
- Solvay,
- Firmenich,
- Celgene,
- Merck,
- Block Drug Company,
- BASF
- Polestar Technology,
- Crystal Pharmatech,
- AZ electronics,
- Bayer,
- etc.

**Recent National Lab Positions:**
- Argonne National Lab,
- Savannah River National Lab
Strong applicants will be considered for application fee waiver!

Chemistry GRE - AND - General GRE test scores are now optional

Graduate Application (M.S. and Ph.D)
To apply to either the M.S. or Ph.D. degree program in Chemistry CLICK HERE to create a new applicant account on the Rutgers graduate admissions web page. When completing the application, please remember that our program is CHEMISTRY in NEWARK.

Application requirements:
- Online application (CLICK HERE to create an account)
- $70 application fee
- Transcripts (undergraduate and if applicable, graduate transcripts)
- 3 Recommendation Letters
- A Personal Statement
- A CV (curriculum vitae)
  - GRE Test Scores (The General GRE is required; the Chemistry GRE is optional. GRE scores are accepted until 5 years after the exam date.)
  - TOEFL or IELTS scores for applicants from countries where English is not the native language (minimum of 94 for TOEFL, 7 for IELTS). TOEFL/IELTS scores are accepted until 2 years after the exam date.
  - Non-degree students use the same application process, but less information (See: Non-Degree Students section) is needed.

Application Deadlines for US Students: 12/1 for the Spring semester; 4/1 for the Fall semester *

Application Deadlines for non-US Students: 11/1 for the Spring semester; 3/1 for the Fall semester *

*1 Applications are processed on a rolling basis; early applications are encouraged with a preferred submission by 1/15.
*2 Late applications will be considered for students who are self-supporting, i.e., require no financial assistance.
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<td><a href="mailto:jlockard@newark.rutgers.edu">jlockard@newark.rutgers.edu</a> (Prof. Jenny Lockard, Graduate Program Coordinator)</td>
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<td><a href="mailto:syb26@newark.rutgers.edu">syb26@newark.rutgers.edu</a> (Sophia Bautista Chinchay, Graduate Administrative Assistant)</td>
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Save the Date: On Campus Poster Session November 11

To keep in touch and to learn about other upcoming events, please fill out our info request form: