



School of
**NATURAL &
BEHAVIORAL
SCIENCES**

BIOLOGY

TRACKS ARE AVAILABLE IN
Cellular/Molecular Biology • Environmental Biology

BEHAVIORAL SCIENCE

CONCENTRATION IN SOCIAL WORK

HEALTH SCIENCES

TRACKS ARE AVAILABLE IN
Pre-Pharmacy • Pre-Physical Therapy

NEUROPSYCHOLOGY

PSYCHOLOGY*

*accelerated degree offering

The RC Advantage

BEHAVIORAL SCIENCE • PSYCHOLOGY • NEUROPSYCHOLOGY

The curriculum within these programs is designed to teach you to discern the relationship between faith and science as you develop strong skills in the theory and practice of your chosen area of study. Emphasizing the Christian model of service and social engagement, your courses will help you gain the professional skills and knowledge needed to deal with the emotional, mental, social and spiritual needs of others. These challenging and innovative programs complement a liberal arts education in an environment that helps you learn to weigh evidence, think critically, act ethically, and recognize and understand the complexity of individual and societal diversity.

You will learn to identify, explain and apply the major concepts, empirical findings and trends in psychology and social work to behavioral problems. Throughout your degree, you will conduct original research with attention to design and data analysis in order to generate insights into behavioral and psychological phenomena. You will use scientific reasoning and theory to solve problems and examine behavioral and mental processes, while being able to identify and explain good practice that reflects ethical values. Your ability to communicate a clear and precise scientific argument and engage in discussion of psychological concepts will serve you well as you launch your career or continue your academic pursuits after graduation.

Course Highlights

- **Biology**
Microbiology, Biochemistry, Elementary Statistics, Human Anatomy and Physiology, Genetics, Cell Biology, Natural Science Internship, Senior Seminar in Science
- **Behavioral Science**
Psychology of Personality, Social Welfare and Public Policy, Diversity and Cross-Cultural Psychology, Ethics in the Behavioral Sciences, Social Work Field Practicum
- **Health Sciences**
Organic Chemistry, Life Span Development, Exercise Physiology, Elementary Statistics, Calculus and Analytic Geometry, Microbiology, Biochemistry, Genetics, Human Anatomy and Physiology, Natural Science Internship, Senior Seminar in Science
- **Neuropsychology**
Abnormal Psychology, Cognitive Psychology, Brain and Behavior, Learning and Memory, Developmental Neuropsychology, Advanced Experimental Psychology, Psychology Seminar
- **Psychology**
Intro to Psychotherapy and Counseling, Health Psychology, Sensation and Perception, Research Methods in the Social Sciences, Directed Research in Psychology

We see you as a person created in the image of God. You're not just a name on a class roster or a number on an assessment report. You are a human being who belongs here!

We want you to come to RC to start discovering your life purpose and to envision how that purpose unfolds in your work life. Then, as you continue in these pursuits, we hope you will explore how all of those discoveries coincide with what God is doing in the world. We'll help you take your gifts and capabilities and use them productively for yourself and for your future. Equally important, we want you to use your degree to positively impact lives, communities and the world.

This approach to your future can also be described as "vocation." I encourage you to start thinking "vocation" in addition to "career." Why? Because employers are looking for individuals who have this holistic vision and who bring big-picture thinking and integrity to the workplace—every day.

Thus, our ultimate goal is to set you on a path where you have a vocation that allows you to support yourself and your family, brings positive energy to the workforce, and helps improve our world.

Brian J. Stogner

DR. BRIAN STOGNER, President

PROFESSORS who not only bring a background of "real world experience" to the classroom, but are currently active in their fields as practicing clinicians

OPPORTUNITY TO WORK ONE-ON-ONE with professors who carry the highest credentials available within the study of psychology and social work (as opposed to working primarily with graduate students at larger universities)

CAPSTONE COURSES (SENIOR PROJECTS) that provide the relevant field experience employers and graduate schools seek

» **Psychology Capstone Course** guides students to develop and present original research at the annual *Midwestern Psychological Association conference in Chicago, Illinois* (where RC repeatedly boasts a larger number of student participants than several major universities in the Midwest).

» **Social Work Capstone Course** requires a 300-hour field practicum supervised by a behavioral science professional at a social services agency. Students also complete a portfolio that serves as a visual representation of their career as a professional social worker.

OPPORTUNITY TO JOIN PSI CHI, the long-standing International Honor Society in Psychology

BIOLOGY • HEALTH SCIENCES

These degrees introduce students to the elements of the physical world in which they live and the tremendous complexity and diversity found in all of God's creation. Students acquire mathematical knowledge and reasoning skills, are equipped to participate in the responsible stewardship of natural resources on a professional level, and are prepared for participation in graduate programs of study.

In addition to obtaining a comprehensive knowledge base of the biology and chemistry of organisms, you will develop critical thinking and effective communication skills, safe and ethical lab practices, and experimental research savvy with attention to design, methodology, validity, and interpretation of results. Additionally, you will be challenged to continuously reflect on your vocational goals and personal mission. You will cap off your chosen program with an authentic research project supervised by experienced faculty, a meaningful internship and a well-developed portfolio of work.

100%
acceptance rate
to REGIONAL & NATIONAL
**PSYCHOLOGY
NEUROPSYCHOLOGY
& NEUROSCIENCE
CONFERENCES**
since 2012

average
CLASS
SIZE of

12

86 OF GRADUATES

were employed, enrolled in graduate school, or engaged in an internship within 6 months of graduation

CNN's Money Magazine
recognized Rochester as one of
the top places to live and the very

**BEST IN all
of MICHIGAN!**

1,172
STUDENTS
from 19 states and 10 nations

Rochester Hills has been named one of the
100 SAFEST CITIES IN THE US

OUR CAMPUS IS **83** PRISTINE ACRES
LOCATED A SHORT WALK FROM DOWNTOWN ROCHESTER
-and no more than 30 miles from-
MUSEUMS • MARKETS • MALLS • CONCERTS
PRO SPORTS • THE AUTOMOTIVE SCENE • OUTDOOR ADVENTURE
FOOD TRUCKS + FINE DINING • WORLD CLASS ENTERTAINMENT
NATURAL BEAUTY AND ALL KINDS OF OTHER FUN TO DISCOVER



B.S. BEHAVIORAL SCIENCE '10

LYDIA RUTER

INTEGRATED SERVICES PROGRAM MANAGER • mPOWERED

"This quote from Frederick Buechner has resonated with me as I considered what to study or where to work: "The place God calls you to is the place where your deep gladness and the world's deep hunger meet." RC helped me discover my vocation in meaningful work that brings me joy, challenges and satisfaction. There is a lot of good work that needs doing in the world. A social work degree from RC will prepare you for that good work."



B.S. PSYCHOLOGY '12

KRISTEN HODGE

PSYCHOLOGIST • ROGERS PSYCHOLOGICAL SERVICES P.C.

"I did exceptionally well in graduate school because I was ahead of most of my peers (even those who had graduated from big universities). When I started the program, many of my peers had not even heard of some of the concepts I learned in my classes at RC. I was also confident enough to teach a two-hour lecture for one of my first class assignments because of the oral presentation practice I obtained at RC."



B.S. BIOLOGY '13

KATY PEACOCK

MEDICAL STUDENT • MICHIGAN STATE UNIVERSITY

"Although RC's science program is not traditionally-based, I highly recommend it. The small class sizes offer access to professors that you don't get at larger schools. This allowed me to learn according to my individual interests, strengths and weaknesses. It also meant I was able to pursue research opportunities that ultimately helped me achieve my goal of attending medical school and has given me a knowledge base that has served me well."



FACULTY

DAVID BRACKNEY

Dean—School of Natural and Behavioral Sciences
Chair—Department of Science and Mathematics
Professor of Physical Science
B.A., University of Michigan
M.S., Eastern Illinois University
Ed.D., Wayne State University



KATHARYN COCHRANE

Associate Professor of Biology
B.A., Texas A&M University
B.S., Texas A&M University
M.Ed., Texas A&M University
Ph.D., University of Michigan

GORDON MACKINNON

Chair—Department of Behavioral Sciences
Director—MacKinnon Psychology and Counseling Clinic
Professor of Psychology
B.S., Rochester College
B.S., Oakland University
M.A., Wayne State University
Ph.D., University of Detroit Mercy

JESSICA MATCHYNSKI-FRANKS

Associate Professor of Psychology
B.S., Rochester College
M.S., Central Michigan University
Ph.D., Central Michigan University

MICHAEL MUHITCH

Associate Professor of Chemistry
B.S., Baldwin-Wallace College
M.S., Miami University
Ph.D., Miami University

SARAH REDDICK

Associate Professor of Social Work and Sociology
B.A., Southwest Missouri State University
M.S.W., University of Hawaii
Academy of Certified Social Workers
Licensed Master Social Worker, State of Michigan

ROBYN SIEGEL-HINSON

Professor of Psychology
B.A., University of Michigan
M.A., University of Toledo
Ph.D., University of Toledo

GARY TURNER

Assistant Professor of Mathematics
B.S., Harding University
M.S., Oakland University

VIVIAN TURNER

Assistant Professor of Biology
B.S., Lipscomb University
M.S., Middle Tennessee State University

YOUR DEGREE IS JUST THE BEGINNING.

These science degree specialities can be used to positively impact lives, communities and the world.

BEHAVIORAL SCIENCE • PSYCHOLOGY • NEUROPSYCHOLOGY These degrees allow graduates to seek entry-level positions in crisis intervention centers, counseling clinics and other human service agencies. They are primarily designed to be used in preparation for graduate studies in the fields of social services, psychology (clinical, counseling, or school psychology, or marriage and family therapy), neuropsychology or psychotherapy. A master's degree is typically required to certify for practice in most agencies and for licensure as professional counselors.

BIOLOGY The biology degree forms a solid science background through a biology core and the option of pursuing one of two tracks—cellular/molecular biology or environmental biology. This degree can be used to pursue careers, such as technical/science writer, wildlife or environmental specialist, conservation scientist, agriculture/park services worker, water treatment operator, lobbyist, quality control inspector, or laboratory (police, hospital, academic, etc.) technician. It also offers preparation for biology-related graduate school, such as medical, dental, veterinarian or physician's assistant school.

HEALTH SCIENCES The BS in health sciences is designed to offer the foundation and experience needed to apply to pharmacy or physical therapy graduate school. Other health-related jobs requiring a solid scientific background, such as lab technician or pharmaceutical sales representative, may be pursued.



B.S. BIOLOGY '17

JENNA ORR

NATURALIST • CHATTAHOOCHEE NATURE CENTER
CLAIMS RESOLUTION ANALYST • TRIAGE CONSULTING GROUP

"My degree provided a solid foundation for employment in both the healthcare industry and field of environmental education. A highlight of my time in the program was the natural science field study out west. Observing all that nature has to offer and learning through hands-on examination with my peers and professor, while fulfilling a class requirement, was an opportunity I am grateful for."

take the next step

APPLY ONLINE AT **RC.EDU/APPLY**

» Visit rc.edu/costcalc for an estimate on the cost of attending RC and your possible financial aid.

NOTE: All students seeking a degree with a major in psychology or behavioral science must apply for and be admitted to the behavioral science program or psychology program, in addition to general admittance to RC.

CONTACT US

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