

# Integrated Science

## **Please Note:**

Prospective job candidates are URGED to check with the respective department, dean, or payroll office for a more detailed description of qualifications. DO NOT apply for jobs via CUPE 3912, but directly with the contact person for each job posting. Some departments may accept applications online; others might not. It is our recommendation that you include a COMPLETE CV with every application, even if it is not requested.

*Jobs are listed newest-to-oldest and expired job postings are periodically archived.*



## **Part-Time Academic Posting – Dalhousie Integrated Science Program (DISP)**

POSTING DATE: July 6<sup>th</sup>, 2020

APPLICATION DEADLINE: July 30<sup>th</sup>, 2020, or until the position is filled

POSITION: Part-Time Academic DISP Writing in Science Instructor.

DEPARTMENT/LOCATION: Dalhousie Integrated Science Program, Life Sciences Centre

PAY RATE: In accordance with CUPE Collective Agreement

PERIOD OF WORK: September 1, 2020 – April 30, 2021

## WORK ASSIGNMENT:

The part-time academic will be responsible for the continued development and teaching of the Writing in Science component of the Dalhousie Integrated Science Program (DISP) (see <https://www.dal.ca/faculty/science/integrated-science-program.html>), in collaboration with other DISP faculty. The position is valued at the equivalent of 6 credit hours over the fall and winter, although the duties are more heavily weighted in the winter term.

Responsibilities are as follows:

### **1 – Instruction of Writing in Science content in SCIE 1506 (Fall term):**

- Teach scientific writing to first year science students by preparing and delivering online tutorials and Brightspace exercises on the parts of a scientific paper and on the term writing assignments (~8 tutorials, 0.5 hours each) and by assisting teaching a virtual field trip on animal behavior (Sept, date TBD) which is the basis for written assignments.
- Mark and provide extensive and timely written feedback on individual sections of a field trip report on the ethogram (animal behavior): intro, methods, results, discussion, full report (for 60 students).
- Develop, deliver and mark an infographics assignment on study design
- Meet with students to discuss writing during weekly office hours (1-2 hours per week) and by email.
- Fulfill administrative duties associated with the Writing in Science component (e.g., update rubrics, upload learning resources to Brightspace, upload grades)

### **2 – Instruction of Writing in Science content in SCIE 1507 (Winter term)**

Students in Integrated Science complete research projects in Dalhousie and affiliated host labs in the winter term, and complete

writing assignments related to their research projects (research proposal, annotated bibliography, topic sentence outline and first and final research paper drafts). In April students present their projects in a conference-style event.

The Writing in Science Instructor will:

- Update and teach online and/or in person tutorials and workshops on writing assignments (~8 at 0.5-1.5 hours each)
- Provide extensive and timely written feedback to 30-40 students on the following: topic sentence outline, first draft research paper, final research paper. Consider input from host labs when providing written feedback to students
- Meet with research supervisors as needed for clarification on research topics
- Meet with students to discuss writing during weekly office hours (1-2 hours per week) and by email.
- Coordinate marking with two teaching assistants who will each mark for 20 students
- Fulfill administrative duties associated with the writing in science component (e.g., update rubrics, upload learning resources to Brightspace, upload grades)
- Assist with research proposal and presentation marking **SCIE 1506 and 1507:**
  
- Attend weekly meetings with other Integrated Science faculty **(fall and winter)**
- Support integrated aspects of DISP by invigilating, marking, and Brightspace work
- Provide year end feedback on and suggestions for the writing in science curriculum by April 30<sup>th</sup>

#### **REQUIREMENTS FOR THE POSITION:**

Preference will be given to applicants with a background/degree(s) in life sciences and a working knowledge of core concepts in physical sciences. Graduate degree in progress or completed. Strong interest

in teaching writing and critical thinking, outstanding writing skills, and experience preparing scientific manuscripts. Demonstrated potential for teaching excellence and previous experience reviewing scientific writing or teaching writing to undergraduates is an asset. The successful candidate will be expected to uphold values of equity, diversity, and inclusion within DISP.

Applications should include the following: cover letter, curriculum vitae, contact details for three references, teaching evaluations (where applicable). Applicants may also be requested to submit a sample of scientific writing at a later date. IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY VIA EMAIL, BY THE APPLICATION DEADLINE TO:

Dr. Gabrielle Tompkins

Director, Integrated Science Program

Dalhousie University

Halifax, N.S. Canada

B3H 4R2

e-mail: [gabrielle.tompkins@dal.ca](mailto:gabrielle.tompkins@dal.ca)

All offers of employment as a Part-Time Academic are conditional upon sufficient student enrolment in the course and approval by the University. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

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Part-Time Academic Posting - Dalhousie Integrated Science Program (DISP) - Faculty of Science  
Posted by Dalhousie Integrated Science Program (DISP) – Faculty of Science on July 11, 2019 in Job Postings  
POSTING DATE: July 15, 2019

APPLICATION DEADLINE: July 30, 2019, or until the position is filled

POSITION: Part-Time Academic DISP Writing in Science Instructor.

DEPARTMENT/LOCATION: Dalhousie Integrated Science Program, Life Sciences Centre

PAY RATE: In accordance with CUPE Collective Agreement

PERIOD OF WORK: September 1, 2019 – April 30, 2020

**WORK ASSIGNMENT:**

The part-time academic will be responsible for the continued development and teaching of the Writing in Science component of the Dalhousie Integrated Science Program (DISP) (see <https://www.dal.ca/faculty/science/integrated-science-program.html>), in collaboration with other DISP faculty. The position is valued at the equivalent of 6 credit hours over the fall and winter, although the duties are more heavily weighted in the winter term.

Responsibilities are as follows:

1 – Instruction of Writing in Science content in SCIE 1506 (Fall term):

Teach scientific writing to first year science students by preparing and delivering tutorials on the parts of a scientific paper and on the term writing assignments (~8 tutorials, 1.5 hours each) and by assisting teaching a day-long coastal field trip (Sept 26, weather

permitting) which is the basis for written assignments.

Mark and provide extensive and timely written feedback on individual sections of a field trip report on beach dunes and erosion: intro, methods, methods infographics, results, discussion, full report (for 80 students).

Meet with students to discuss writing during weekly office hours (1-2 hours per week) and by email.

Fulfill administrative duties associated with the Writing in Science component (e.g., update rubrics, upload learning resources to Brightspace, upload grades)

2 – Instruction of Writing in Science content in SCIE 1507 (Winter term)

Students in Integrated Science complete research projects in Dalhousie and affiliated host labs in the winter term, and complete writing assignments related to their research projects (research proposal, annotated bibliography, topic sentence outline and first and final research paper drafts). In April students present their projects in a conference-style event.

The Writing in Science Instructor will:

Update and teach tutorials and workshops on writing assignments (~8 at 1.5 hours each)

Provide extensive and timely written feedback to 40 students on the following: topic sentence outline, first draft research paper, final research paper

Meet with students to discuss writing during weekly office hours (1-2 hours per week) and by email.

Coordinate marking with two teaching assistants who will each mark for 20 students

Fulfill administrative duties associated with the writing in science component (e.g., update rubrics, upload learning resources to Brightspace, upload grades)

Assist with research proposal and presentation marking

SCIE 1506 and 1507:

Attend weekly meetings with other Integrated Science faculty (fall

and winter)

Support integrated aspects of DISP by invigilating, marking, and Brightspace work

Provide year end feedback on and suggestions for the writing in science curriculum by April 30th

REQUIREMENTS FOR THE POSITION:

Preference will be given to applicants with a background/degree(s) in life sciences and a working knowledge of core concepts in physical sciences. Graduate degree in progress or completed. Strong interest in teaching writing and critical thinking, outstanding writing skills, and experience preparing scientific manuscripts. Demonstrated potential for teaching excellence and previous experience teaching writing to undergraduates is an asset. The successful candidate will be expected to uphold values of equity, diversity, and inclusion within DISP.

Applications should include the following: cover letter, curriculum vitae, contact details for three references, teaching evaluations (where applicable). Applicants may also be requested to submit a sample of scientific writing at a later date. IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY VIA EMAIL, BY THE APPLICATION DEADLINE TO:

Dr. Gabrielle Tompkins

Director, Integrated Science Program

Dalhousie University

Halifax, N.S. Canada

B3H 4R2

e-mail: [gabrielle.tompkins@dal.ca](mailto:gabrielle.tompkins@dal.ca)

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the University. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The University encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.

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Part-Time Academic Posting: Dalhousie Integrated Science Program (DISP)

Posted by Dalhousie Integrated Science Program on June 19, 2018 in Job Postings

PART-TIME ACADEMIC POSTING DEPARTMENT: Dalhousie Integrated Science Program (DISP)  
Faculty of Science

DALHOUSIE UNIVERSITY Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: June 18, 2018

APPLICATION DEADLINE: July 3, 2018

POSITION: Part-Time Academic DISP Statistics Instructor.

DEPARTMENT/LOCATION: Dalhousie Integrated Science Program, Life Sciences Centre

PAY RATE: In accordance with CUPE Collective Agreement

PERIOD OF WORK: September 1, 2018 – April 30, 2019

WORK ASSIGNMENT:

The part-time academic will be responsible for the continued

development and teaching of the Introductory Statistics component of the Dalhousie Integrated Science Program (DISP) (see <https://www.dal.ca/faculty/science/integrated-science-program.html>), and the development and delivery of some integrated content and activities in collaboration with other DISP faculty. The position is valued at the equivalent of 6 credit hours over the fall and winter, although the duties are more heavily weighted in the fall term.

Responsibilities are as follows:

1 – Instruction and coordination of Introductory Statistics content in SCIE 1506 (Fall term): Deliver the statistics component of DISP, encompassing STAT 1060 content and additional content specific to DISP. The Statistics instructor will be expected to:

Develop and deliver ~ 20 lectures (1.5 h)

Run 16 tutorial sessions (1 h):

Continue developing 8-10 tutorial assignments, incorporating student-collected data

assist students during tutorial sessions

Supervise a teaching assistant (oversee marking of assignments)

Fulfill administrative duties associated with the statistics component (e.g., upload learning resources to Brightspace, upload grades, hold office hours)

2 – Instruction/design of the data literacy and research skills component (Winter term). The Writing in Science component of the Integrated Science Program includes scientific methodology, data literacy, and a research project, and is taught across fall and winter terms. The Statistics Instructor will assist with this component by

Providing written feedback to all students on one data-related writing assignment

Holding office hours to provide assistance to students in the analysis of their project data

Grading 3-4 research projects in entirety

3 – Development of statistics materials for laboratories and field trips (Fall and Winter terms)

In collaboration with instructors for other subjects, design the data collection, analysis and reporting components of field trips and labs. The Statistics Instructor will

Develop the statistical component for 3 Biology field trips in fall term (design data sheets, compile student-collected data). Duties will include participation in 2 to 4 of the field trips.

Develop the statistical component for 3 laboratories activities (One each for Biology, Earth Science, Psychology) in winter term (design data sheets, compile student-collected data)

4 – Collaborative teaching and assessment (Fall and Winter term):

Engage with instructors of the other subjects, and work collaboratively to deliver the statistics component as part of an integrated whole. The Statistics Instructor will

Attend weekly meetings with other Integrated Science faculty (fall and winter)

Help develop and participate in the delivery of two integrated lectures (80 minutes each) in which faculty explore a topic of interest in an interdisciplinary context (fall)

Help prepare, invigilate and mark midterm and final exam questions that are integrated with other subjects (fall and winter)

Provide year end feedback on, and revisions for the statistics curriculum by submitting a revised detailed statistics syllabus for 2019/2020, including explanations of recommended changes, and learning objectives for statistics lectures and tutorials (by April 30th) (winter term)

#### REQUIREMENTS FOR THE POSITION:

A PhD graduate degree in Mathematics or Statistics or a related discipline completed or in progress with considerable experience applying statistics to data analysis in other fields of science.

Preference will be given to candidates with demonstrated potential for teaching excellence in Introductory Statistics. The successful candidate will be expected to uphold values of equity, diversity, and inclusion within DISP.

Applications should include the following: cover letter, curriculum vitae, contact details for three references, and teaching evaluations (where applicable). IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING, BY THE APPLICATION DEADLINE TO:

Dr. Gabrielle Tompkins  
Director, Integrated Science Program  
Dalhousie University  
Halifax, N.S. Canada  
B3H 4R2  
e-mail: [gabrielle.tompkins@dal.ca](mailto:gabrielle.tompkins@dal.ca)

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Part-time Academic Postings - Integrated Science Program, Faculty of Science

Posted by Faculty of Science on May 8, 2017 in Job Postings  
PART-TIME ACADEMIC POSTING  
DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2  
POSTING DATE: May 4, 2017

APPLICATION DEADLINE: May 18, 2017

POSITION: Part-time Academic

DEPARTMENT/LOCATION: Psychology and Integrated Science / Life Sciences Centre

PAY RATE: In accordance with the CUPE Collective Agreement, for a 3-credit hour course.

WORK ASSIGNMENT: The part-time academic will be responsible for teaching the first year Psychology/ Neuroscience component of the fall term of SCIE 1505.18, Integrated Science, from September 1 – December 31, 2017. Responsibilities include preparing and delivering lectures; posting materials on Brightspace; devising integrated assessments (which may include assignments, quizzes and exams) in which Psychology/ Neuroscience is one of multiple integrated components; coordinating the Psychology/ Neuroscience laboratory sections, grading, and TA recruitment and supervision; and recruiting Dalhousie researchers to supervise small teams of students conducting Psychology/ Neuroscience research projects. In addition, the instructor will attend weekly Integrated Science faculty meetings focused on integration of the science disciplines and contribute to integrated learning activities with other instructors.

REQUIREMENTS OF POSITION: Applicants should have an advanced degree in Psychology or Neuroscience or a related subject; excellent teaching potential and a strong interest in integrated approaches to teaching science; and proficiency with Microsoft Word, Excel, PowerPoint, and Learning Management Systems. Assets: Previous experience teaching in a university setting.

Applications should include a letter stating qualifications, an up-to-date C.V., evidence of teaching effectiveness (such as summary of course evaluations), and the names and contact information for two referees.

IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (by e-mail) BY THE APPLICATION DEADLINE TO:

Dr. Cindy Staicer , Director, Director, Integrated Science,  
Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2  
disp.science.dal.ca

All offers of employment as a Part-Time Academic are conditional upon sufficient student enrolment in the course and approval by the University. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all qualified candidates who would contribute to the diversity of our community.

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#### Part-Time Academic Posting -Integrated Science Program

Posted by Integrated Science Program on September 23, 2016 in  
Job Postings

Part-time Academic Postings – Integrated Science Program,  
Faculty of Science

PART-TIME ACADEMIC POSTING

DALHOUSIE UNIVERSITY

Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: Sep 21, 2016

APPLICATION DEADLINE: Oct 1, 2016

POSITION: Part-time Academic

DEPARTMENT/LOCATION: Psychology and Integrated Science / Life  
Sciences Centre

PAY RATE: In accordance with the CUPE Collective Agreement, for

a 6 credit hour course.

**WORK ASSIGNMENT:** The part-time academic will be responsible for teaching the first year Psychology/Neuroscience component of SCIE 1505.18, Integrated Science, from January 1, 2017 – April 30, 2017. Responsibilities include preparing and delivering lectures; posting materials on Brightspace; devising integrated assessments (which may include assignments, quizzes and exams) in which Psychology/ Neuroscience is one of multiple integrated components; coordinating Psychology/ Neuroscience laboratory sections, grading, and TA recruitment and supervision; coordinating the Psychology/ Neuroscience research projects; and supervising teams of students who work together on a research question. The latter includes weekly meetings with student teams, and marking individual formal written assignments and team oral presentations. In addition, the instructor will attend weekly Integrated Science faculty meetings focused on integration of the science disciplines and contribute to integrated learning activities with other instructors.

**REQUIREMENTS OF POSITION:** Applicants should have an advanced degree in Psychology or Neuroscience or a related subject; excellent teaching potential and a strong interest in integrated approaches to teaching science; and proficiency with Microsoft Word, Excel, PowerPoint, and Learning Management Systems.

**Assets:** Previous experience teaching in a university setting, and supervising undergraduate research.

Applications should include a letter, up-to-date C.V., and evidence of teaching effectiveness (such as summary of relevant course evaluations). Please contact Martha Mullally before applying if you have any questions about the position.

**IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (or e-mail) BY THE APPLICATION DEADLINE TO:**  
Dr. Martha Mullally , Director (Acting), Director, Integrated

Science, Department of Biology, Dalhousie University, Halifax, NS,  
B3H 4R2 disp.science.dal.ca

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#### Part-Time Academic Posting - Integrated Science Program

Posted by Integrated Science Program on September 22, 2016 in  
Job Postings

PART-TIME ACADEMIC POSTING DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: June 1, 2016

APPLICATION DEADLINE: June 11, 2016

POSITION: Part-time Academic

DEPARTMENT/LOCATION: Psychology and Integrated Science / Life  
Sciences Centre

PAY RATE: In accordance with the CUPE Collective Agreement, for  
a 6 credit hour course.

WORK ASSIGNMENT: The part-time academic will be responsible for teaching the first year Psychology/ Neuroscience component of SCIE 1505.18, Integrated Science, from January 1, 2017 – April 30, 2017. Responsibilities include preparing and delivering lectures; posting materials on Brightspace; devising integrated assessments (which may include assignments, quizzes and exams) in which Psychology/ Neuro- science is one of multiple integrated

components; coordinating Psychology/ Neuroscience laboratory sections, grading, and TA recruitment and supervision; coordinating the Psychology/ Neuroscience research projects; and supervising teams of students who work together on a research question. The latter includes weekly meetings with student teams, and marking individual formal written assignments and team oral presentations. In addition, the instructor will attend weekly Integrated Science faculty meetings focused on integration of the science disciplines and contribute to integrated learning activities with other instructors.

**REQUIREMENTS OF POSITION:** Applicants should have an advanced degree in Psychology or Neuroscience or a related subject; excellent teaching potential and a strong interest in integrated approaches to teaching science; and proficiency with Microsoft Word, Excel, PowerPoint, and Learning Management Systems. Assets: Previous experience teaching in a university setting, and supervising undergraduate research.

Applications should include a letter, up-to-date C.V., and evidence of teaching effectiveness (such as summary of relevant course evaluations). Please contact Cindy Staicer before applying if you have any questions about the position.

**IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (or e-mail) BY THE APPLICATION DEADLINE TO:**

Dr. Cindy Staicer , Director, Director, Integrated Science,  
Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2  
[disp.science.dal.ca](mailto:disp.science.dal.ca)

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all qualified candidates who would contribute to the diversity of our community.

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### Part-Time Academic Postings - Integrated Science Program

Posted by Integrated Science Program on June 2, 2016 in Job Postings

POSTING DATE: June 1, 2016

APPLICATION DEADLINE: June 11, 2016

POSITION: Part-time Academic

DEPARTMENT/LOCATION: Biology and Integrated Science / Life Sciences Centre

PAY RATE: In accordance with the CUPE Collective Agreement, for a 3 credit hour course

WORK ASSIGNMENT: The part-time academic will be responsible for teaching the first-year Biology component (specifically the Ecology section) of SCIE 1505.18, Integrated Science. Period of work is September 1–December 31, 2016. Responsibilities include preparing and delivering lectures; posting materials on Brightspace; devising integrated assessments (which may include assignments, quizzes and exams) in which Biology is one of multiple integrated components; field trip coordinating and teaching; and field trip TA recruitment and supervision. Also contribute to the writing in science component by taking responsibility for the first formal writing assignment, a field trip report, which includes instruction in formal scientific writing and report preparation, and providing extensive feedback on individual student reports. In addition, the instructor will attend weekly Integrated Science faculty meetings focused on integration of science disciplines and contribute to integrated learning activities with other instructors.

REQUIREMENTS OF POSITION: Applicants should have an advanced degree in Biology or a related subject, with research and teaching expertise in ecology; evidence of teaching effectiveness; a strong interest in integrated approaches to teaching science; proficiency with Microsoft Word, Excel, PowerPoint, and Learning Management Systems; extensive experience leading field trips with university students; experience marking student research reports; and up-to-date Standard First Aid and CPR.

Applications should include a letter, up-to-date C.V., and evidence of teaching effectiveness (such as summary of relevant course evaluations). Please contact Cindy Staicer before applying if you have any questions about the position.

IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (or e-mail) BY THE APPLICATION DEADLINE TO:

Dr. Cindy Staicer , Director, Director, Integrated Science,  
Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2  
disp.science.dal.ca

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PART-TIME ACADEMIC POSTING  
DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: June 1, 2016  
APPLICATION DEADLINE: June 11, 2016

POSITION: Part-time Academic

DEPARTMENT/LOCATION: Psychology and Integrated Science / Life Sciences Centre

PAY RATE: In accordance with the CUPE Collective Agreement, for a 6 credit hour course.

WORK ASSIGNMENT: The part-time academic will be responsible for teaching the first year Psychology/ Neuroscience component of SCIE 1505.18, Integrated Science, from January 1, 2016 – April 30, 2017. Responsibilities include preparing and delivering lectures; posting materials on Brightspace; devising integrated assessments (which may include assignments, quizzes and exams) in which Psychology/ Neuro-science is one of multiple integrated components; coordinating Psychology/ Neuroscience laboratory sections, grading, and TA recruitment and supervision; coordinating the Psychology/ Neuroscience research projects; and supervising teams of students who work together on a research question. The latter includes weekly meetings with student teams, and marking individual formal written assignments and team oral presentations. In addition, the instructor will attend weekly Integrated Science faculty meetings focused on integration of the science disciplines and contribute to integrated learning activities with other instructors.

REQUIREMENTS OF POSITION: Applicants should have an advanced degree in Psychology or Neuroscience or a related subject; excellent teaching potential and a strong interest in integrated approaches to teaching science; and proficiency with Microsoft Word, Excel, PowerPoint, and Learning Management Systems. Assets: Previous experience teaching in a university setting, and supervising undergraduate research.

Applications should include a letter, up-to-date C.V., and evidence of teaching effectiveness (such as summary of relevant course evaluations). Please contact Cindy Staicer before applying if you have any questions about the position.

IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY  
IN WRITING (or e-mail) BY THE APPLICATION DEADLINE TO:

Dr. Cindy Staicer , Director, Director, Integrated Science,  
Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2  
disp.science.dal.ca

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PART-TIME ACADEMIC POSTING  
DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: June 1, 2016  
APPLICATION DEADLINE: June 11, 2016

POSITION: Part-time Academic  
DEPARTMENT/LOCATION: Integrated Science / Life Sciences Centre

PAY RATE: In accordance with the CUPE Collective Agreement, for a 6 credit hour course.

WORK ASSIGNMENT: The part-time academic will be responsible for teaching the first-year Statistics component of SCIE 1505.18, Integrated Science. Period of work is September 1, 2016 – April 30, 2017. Responsibilities include preparing and delivering lectures on Introductory Statistics; teaching about research design, and analysis and presentation of data; posting materials on Brightspace; devising assessments (which may include

assignments, quizzes and exams) in which Statistics is one of multiple integrated components; incorporating data collected by students into lectures, lab exercises, and assignments; supervising TAs to mark assignments and teach labs that use R; and providing statistical support for the research projects in the winter term. The latter may include meeting with student teams, and marking formal written assignments and team oral presentations. Class schedule varies; in fall term, labs are Tues 0900-1000, lectures are Tues 1000-1130 and/or Thurs 1030-1130. In addition, the instructor will attend weekly Integrated Science faculty meetings and contribute to integrated learning activities with other instructors to facilitate the integration of Statistics and research methods across the sciences.

**REQUIREMENTS OF POSITION:** Graduate degree in Statistics or experience teaching Statistics to undergraduates; strong interest in teaching in an interdisciplinary context; evidence of teaching effectiveness. Preference will be given to candidates possessing a Ph.D., previous experience supervising undergraduate research, and/or previous experience teaching statistics within an integrated science context. Academic and/or research background in more than one scientific field is an asset.

Applications should include a letter, up-to-date C.V., and evidence of teaching effectiveness (such as summary of relevant course evaluations). Please contact Cindy Staicer before applying if you have any questions about the position or class schedules.

**IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (or e-mail) BY THE APPLICATION DEADLINE TO:**

Dr. Cindy Staicer , Director, Integrated Science, Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2  
disp.science.dal.ca

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### Part-Time Academic Postings: Dalhousie Integrated Science Program

Posted by Dalhousie Integrated Science Program on June 30, 2015  
in Job Postings  
(1)

PART-TIME ACADEMIC POSTING DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: June 30, 2015  
APPLICATION DEADLINE: July 10, 2015

POSITION: Part-time Academic  
DEPARTMENT/LOCATION: Biology / Life Sciences Centre / Faculty  
of Science

PAY RATE: In accordance with the CUPE Collective Agreement for  
the equivalent of a 3 credit-hour course.

PERIOD OF WORK: July 27-August 25, 2015

WORK ASSIGNMENT: The part-time academic will be responsible  
for developing and posting online material to support SCIE  
1505.18, Integrated Science (disp.science.dal.ca). (1) Meet weekly  
with Integrated Science faculty to obtain direction and feedback.  
(2) Set up this interdisciplinary course on OWL, using existing

material as a starting point and re-organizing the site to improve effectiveness. Components include Biology; Course schedules; Earth Science; Integrated sessions, field trips and labs; Psychology; Research Methods; Statistics; and Writing in Science. (3) Develop and post online practice quizzes for each Biology lecture, starting with material from Campbell's Biology. (4) Consult with the Centre for Learning and teaching as required to determine appropriate techniques for preparing effective materials in an efficient manner.

**REQUIREMENTS OF POSITION:** A graduate degree completed or in progress in Biology or a related field, with familiarity in all of the topics taught at the introductory (first-year) level. Expertise with learning management systems (especially OWL), and software packages (Word, Excel, PowerPoint, Adobe Acrobat). Evidence of excellent organizational skills, an ability to work to deadlines, and effective supervision of teaching assistants or demonstrators. Preference will be given to candidates with previous experience developing online material for Biology undergraduate students and/or previous experience with an integrated science program.

Applications should include a letter stating experience and qualifications, and a copy of their C.V. Please contact Cindy Staicer before applying if you have any questions about the position. **IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (by e-mail) BY THE APPLICATION DEADLINE TO:**  
Dr. Cindy Staicer , Director, Dalhousie Integrated Science Program, Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2 – phone: 902-494-3533

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified

Aboriginal people, persons with a disability, racially visible persons and women.

(2)

PART-TIME ACADEMIC POSTING DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: June 30, 2015

APPLICATION DEADLINE: July 10, 2015

POSITION: Part-time Academic

DEPARTMENT/LOCATION: Life Sciences Centre / Faculty of Science

PAY RATE: In accordance with the CUPE Collective Agreement for the equivalent of a 3 credit-hour course.

PERIOD OF WORK: July 27-August 25, 2015

WORK ASSIGNMENT: The part-time academic will be responsible for developing course material to support SCIE 1505.18, Integrated Science ([disp.science.dal.ca](http://disp.science.dal.ca)). (1) Meet weekly with Integrated Science faculty to obtain direction and feedback. (2) Prepare course schedules for fall and winter terms and detailed schedules for each week. (3) Revise and test integrated field trips and other exercises to incorporate technology (iPad, LabQuest, clickers, GPS). Take field trips to test the revised field trip exercises. Develop data integration links to move data collected by students to the Integrated Statistics component. (4) Assist faculty with the compilation of class data.

REQUIREMENTS OF POSITION: A graduate degree completed or in progress in Science. Experience designing and/or teaching hands-on exercises to undergraduates, especially in the field. Expertise with Excel, Word and Acrobat. Evidence of excellent organizational skills, an ability to work to deadlines, and effective supervision of teaching assistants or demonstrators. Preference will be given to candidates with previous experience using iPads for data

collection, LabQuest instruments and probes, R statistical program language, environmental measurements in aquatic ecosystems, and/or previous experience with an integrated science program.

Applications should include a letter stating experience and qualifications, and a copy of their C.V. Please contact Cindy Staicer before applying if you have any questions about the position. IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (by e-mail) BY THE APPLICATION DEADLINE TO:  
Dr. Cindy Staicer , Director, Dalhousie Integrated Science Program, Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2 – phone: 902-494-3533

All offers of employment as a part-time academic are conditional upon sufficient student enrolment in the course and approval by the University. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons and women.

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Part-Time Academic Posting: Dalhousie Integrated Science Program

Posted by Faculty of Science on June 8, 2015 in Job Postings  
PART-TIME ACADEMIC POSTING  
DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: June 3, 2015  
APPLICATION DEADLINE: June 12, 2015

POSITION: Part-time Academic

DEPARTMENT/LOCATION: Life Sciences Centre / Faculty of Science

PAY RATE: In accordance with the CUPE Collective Agreement for one full-credit course over the period September 1, 2015, through April 30, 2016.

WORK ASSIGNMENT: The part-time academic will be responsible for teaching the Statistics component of SCIE 1505.18, Integrated Science (see [disp.science.dal.ca](http://disp.science.dal.ca)) and contributing to the Research Project component. Fall term responsibilities include delivering the first-year, introductory level Statistics lectures, 10:35-11:25 on Tues and Thurs; overseeing the laboratory component 9:05-10:25 on Tues; incorporating data collected by students in classes and on field trips into lectures, lab exercises, and/or weekly assignments; hiring and supervising the TA; setting weekly assignments for the fall term; directing the TA to mark the assignments; posting lecture, lab and assignment material on OWL; and setting, marking, and invigilating tests. Winter term responsibilities include teaching occasional modules in research methods in support of the Research Project and Writing in Science component and teaching one or more additional lectures on statistical techniques to support the other subjects or the research projects (usually Tues 10:35-11:25); and evaluating student learning through a few questions on the final exam. Throughout the year, responsibilities include weekly Integrated Science faculty meetings; and facilitating the integration of Statistics and research methods with other science subjects.

REQUIREMENTS OF POSITION: A graduate degree in Statistics or considerable experience teaching Statistics to undergraduate students. Strong interest in teaching Statistics within the context of interdisciplinary science and scientific research. Evidence of teaching effectiveness. Preference will be given to candidates possessing a Ph.D., previous experience supervising undergraduate research (including experimental design, data analysis, and interpretation of scientific results), and/or previous experience teaching undergraduates within an integrated science context. Furthermore, an academic and/or research background in more than one scientific field will be considered an asset.

Applications should include a letter, C.V., statement of teaching interests plus a summary of student evaluations for courses previously taught). Please contact Cindy Staicer before applying if you have any questions about the position. IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (preferably by e-mail) BY THE APPLICATION DEADLINE TO:

Dr. Cindy Staicer , Director, Dalhousie Integrated Science Program,

Department of Biology, Dalhousie University, Halifax, NS, B3H 4R2 phone: 902-494-3533

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Part-Time Academic Postings: Dalhousie Integrated Science Program

Posted by Dalhousie Integrated Science Program on 07/31/2014 in job\_postings (1)

PART-TIME ACADEMIC POSTING DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: July 30, 2014  
APPLICATION DEADLINE: August 8, 2014

POSITION: Part-time Academic  
DEPARTMENT/LOCATION: Biology / Life Sciences Centre / Faculty of Science

PAY RATE: In accordance with the CUPE Collective Agreement for three half-credit classes for the period September 1, 2014 through

April 30, 2015.

**WORK ASSIGNMENT:** The part-time academic will be responsible for (1) teaching the Biology laboratory component of, (2) co-teaching the Biology lecture component of, and (3) working as an effective member of the teaching team of SCIE 1505.18, Integrated Science ([disp.science.dal.ca](http://disp.science.dal.ca)). (1) Responsible for laboratories, on most Friday afternoons, 14:35-17:25, including preparation in advance of each lab exercise. Responsibilities include revising the lab manual, as needed, and posting it online; supervising the DISP Biology TAs/ Markers/ Demonstrators; overseeing their marking (providing marking keys and reviewing marked papers); preparing TAs for laboratory exercises; providing an in-lab introduction to each lab section; posting marks on OWL; and directing the lab technician to collect and organize materials and supplies. (2) Responsible for delivering first-year, introductory-level lectures in Cell Biology, Microbiology, Molecular Biology, Genetics, and Animal Biology; on Tuesdays and Thursdays, 13:05-14:25; approximate dates are Oct 14-Nov 27, 2014, and Jan 6-Feb 12, 2015. Also responsible for setting and marking test (quiz and exam) questions based on the lecture material. Note that tests are held outside of the regular lecture time. (3) Attend weekly faculty meetings at a mutually agreeable time to facilitate the integration of teaching in the program.

**REQUIREMENTS OF POSITION:** A graduate degree in Biology or a related field, with research expertise in Cell Biology, Microbiology, Molecular Biology, Genetics, and/or Animal Biology. Evidence of teaching effectiveness. Excitement about teaching Biology within the context of interdisciplinary science. Up-to-date First Aid and CPR. Preference will be given to candidates possessing a Ph.D., and previous experience teaching Biology to undergraduate students.

Applications should include a letter, C.V., and Teaching Dossier (statement of teaching interests plus summary of student evaluations for courses taught). Please contact Cindy Staicer before applying if you have any questions about the position. IF

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(2)

PART-TIME ACADEMIC POSTING DALHOUSIE UNIVERSITY  
Halifax, Nova Scotia, Canada B3H 4R2

POSTING DATE: July 30, 2014  
APPLICATION DEADLINE: August 8, 2014

POSITION: Part-time Academic  
DEPARTMENT/LOCATION: Life Sciences Centre / Faculty of Science

PAY RATE: In accordance with the CUPE Collective Agreement for two consecutive half-credit classes for the period September 1, 2014, through April 30, 2015.

WORK ASSIGNMENT: The part-time academic will be responsible for teaching the Statistics component of SCIE 1505.18, Integrated Science (see [disp.science.dal.ca](http://disp.science.dal.ca)). In the fall term, responsibilities include developing and delivering the first-year, introductory-level

Statistics lectures, usually 10:35-11:25 on Tuesdays and Thursdays; overseeing the laboratory (tutorial) component, on Tuesdays 9:05-10:25; incorporating data collected by students in classes and on field trips into lectures, lab exercises, and/or weekly assignments; hiring and supervising the TA; setting weekly assignments for the fall term; directing the TA to mark the assignments; posting lecture, lab and assignment material on OWL; and setting, marking, and invigilating tests. In winter term, responsibilities include teaching occasional modules in research methods in support of the Research Project and Writing in Science component; teaching one or more additional statistical techniques to support the other subjects or the research projects; and evaluating student learning through a few questions on the final exam. Throughout the year, responsibilities include meeting weekly with the other Integrated Science faculty members at a mutually-agreeable time; and facilitating the integration of Statistics with other science subjects.

**REQUIREMENTS OF POSITION:** A graduate degree in Statistics or considerable experience teaching Statistics to undergraduate students. Strong interest in teaching Statistics within the context of interdisciplinary science and scientific research. Evidence of teaching effectiveness. Preference will be given to candidates possessing a Ph.D., previous experience supervising undergraduate research (including experimental design, data analysis, and interpretation of scientific results), and/or previous experience teaching undergraduates within an integrated science context. Furthermore, an academic and/or research background in more than one scientific field will be considered an asset.

Applications should include a letter, C.V., and Teaching Dossier (statement of teaching interests plus summary of student evaluations for courses previously taught). Please contact Cindy Staicer before applying if you have any questions about the position. **IF YOU ARE INTERESTED IN THE ABOVE POSITION, PLEASE APPLY IN WRITING (preferably by e-mail) BY THE APPLICATION DEADLINE TO:**

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