

2026 Summer Programs in Epidemiology & Biostatistics

Compiled by The EpiMonitor with direct input from the programs listed or gleaned from the program websites.

<https://www.epimonitor.net>

episummer@columbia
Columbia University – New York City

Name	episummer@columbia
Sponsors	Department of Epidemiology, Columbia University Mailman School of Public Health
Location	Online synchronous and asynchronous
Program year	15 th (over 500 participants each year)
Types and dates of Courses	All in June Full course list: https://tinyurl.com/bdcnptj8
Dates	June 1-30, 2026
Number of Courses	37
Language	English
Number of faculty	30
Target audience	The typical participant is a Master's level public health practitioner. The courses are also suitable for doctoral students, NIH K-awardees, fellows, faculty, and clinician researchers.
Cost	15% discount for Columbia University affiliates & alumni. Please email cuepisummer@cumc.columbia.edu for information.
Deadline for registration	10% Discount if registered prior to April 1, 2026 May 1, 2026 is the regular registration deadline
Limit on participants	A few courses have enrollment caps
Course directors	Thelma Mielenz / Asst Professor / Dept of Epidemiology

Contact information	Gerald Govia gg2431@cumc.columbia.edu General email: cuepisummer@cumc.columbia.edu Program website: episummer.org
Comments	<p>In 2011, the Department of Epidemiology launched a successful summer institute, episummer@columbia [formerly known as Epidemiology and Population Health Summer Institute at Columbia (EPIC)], that provides opportunities to gain foundational knowledge and applied skills for advancing population health research. Our synchronous courses vary in length from 4 hours to 20 hours delivered in an online live format. These courses are offered only on a specific date and time allowing registrants the ability to interact live with their episummer@columbia course instructor and other registrants. Our asynchronous courses vary in length from 5 hours to 40 hours and contain lectures and course material presented online with materials released by the instructor accordingly. The flexible format will include video recordings of lecture material, file sharing and topical discussion fora, self-assessment exercises, real-time office hours via Zoom, and access to instructors for feedback during the course.</p> <p>New courses this year:</p> <ul style="list-style-type: none"> ▶ Introduction to Python for Epidemiologists ▶ Advanced Python for Epidemiologists ▶ Intensive Python for Epidemiologists ▶ Introduction to Data Visualization in Tableau Desktop ▶ Introduction to Relational Databases and SQL Programming ▶ Project Management for Public Health Professionals

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University of Michigan Summer Session in Epidemiology

Ann Arbor, MI

Name	The University of Michigan Summer Session in Epidemiology
Sponsors	UM School of Public Health
Location	Online
Program year	61 years
Types and dates of Courses	5 new courses: Control of Infectious Diseases; NIH Research Grant Proposal Development; Cost-Effectiveness Analysis in Health; Epidemiologic Data Visualization; Intermediate Epidemiological Data Analysis with Regression 2 CaSToR-sponsored courses: Simulation Modeling of Tobacco Use, Health Effects and Policy Impacts; Complex Systems Modeling for Public Health Research
Number of Courses	29
Language	English
Number of faculty	30, including 5 new faculty for 2026: Dr. Ella August, Dr. David Hutton, Dr. Arnold Monto, Dr. Nancy Santesso, Dr. Jessie Tong, and Dr. Erik Westlund
Target audience	Graduate students & working professionals in public health and health sciences
Deadline for registration	June 1, 2026
Limit on participants	No limits
Course directors	Eduardo Villamor, MD, MPH, DrPH
Contact information	Mackenzie Smith, Program Coordinator, macksmi@umich.edu Program website: https://summerepi.org
Comments	Join the SSE for 1-week and 3-week courses led by world-renowned instructors--perfect for professionals and students seeking advanced epidemiologic training. As the longest-running summer epidemiology program, SSE provides unparalleled opportunities to enhance your expertise in applied and advanced epidemiologic methods.

McGill Summer Institute In Global Health Montreal, Quebec, Canada

Name	McGill Summer Institutes in Global Health
Sponsors	McGill University
Location	Montreal, Canada and Virtual
Program year	11th
Types and dates of Courses	May 25 – June 19, 2026
Number of Courses	The 2026 McGill Summer Institutes in Global Health is offering 19 courses.
Language	English
Target audience	Varies by course, but generally health care professionals, researchers, and students.
Cost	Discounted pricing for students, and participants from low- and middle-income countries. More info: https://tinyurl.com/7x9zwuye
Deadline for registration	When a course is full or 7 days prior to the start of the individual course.
Limit on participants	Varies by course—see website
Program director	Dr. Madhukar Pai, Inaugural Chair, Department of Global and Public Health
Contact Information	https://www.mcgill.ca/summerinstitute-globalhealth/ summerinstitute.med@mcgill.ca (514) 398-4118
Comments:	6 new courses are offered for 2026. Two courses are offered on-site in Montreal. Please check visa requirements for entry to Canada if attending the on-site courses.

Johns Hopkins 43rd Graduate Summer Institute of Epidemiology and Biostatistics

Name	Johns Hopkins 44th Graduate Summer Institute of Epidemiology and Biostatistics
Sponsors	Johns Hopkins Bloomberg School of Public Health
Location	Baltimore & Online
Program year	43
Types and dates of Courses	June 8-26, 2026
Number of Courses	41
Language	English
Number of faculty	44
Target audience	Institute participants include students, clinicians, public health practitioners, physicians in training and those considering a career in public health.
Cost	For Summer Institute courses in Summer 2026, the proposed tuition rate is \$1,458/credit (to be confirmed by April 2026) / \$729 per credit for non-credit students.
Deadline for registration	May 22, 2026
Limit on participants	None
Course directors	Moyses Szklo, MD, MPH, DrPH
Contact information	Program website: https://tinyurl.com/mr22dpjz
Comments	We offer courses on modern epidemiological and biostatistical methods, including those related to special applications, such as case-control studies, clinical trials, and health situation analysis. We also offer courses in substantive areas, such as infectious diseases and cancer, in the use of epidemiologic methods in evidence-based decision making, in risk sciences and public policy and in the management of epidemiologic studies.

2025 Public Health Institute University of Minnesota

Name	2025 Public Health Institute
Sponsors	University of Minnesota
Location	West campus - Twin Cities / Minneapolis, MN for 2 classes others are virtual courses
Types and dates of Courses	May 18 - May 29, 2026
Number of Courses	10
Language	English
Number of faculty	13
Target audience	<p>Graduate students in public health, medicine, veterinary medicine, nursing, dentistry, public affairs, law, social work, pharmacy, public policy, global health, agricultural, food, and environmental sciences</p> <p>Practicing professionals in public health and other health and human service organizations; city, county, state, and federal government agencies; private-sector businesses and industry</p>
Cost	\$1,231 per credit for students wanting credit \$ 549 for those not seeking credit
Course directors	Meghan Taylor / tayl0427@umn.edu / 612-626-8434
Contact information	phi@umn.edu https://www.sph.umn.edu/academics/public-health-institute/
Comments	<p>The Summer Public Health Institute offers courses for students and practicing professionals in public health and related fields. Participants can build or expand their professional expertise, learn best practices, broaden career options, network with other professionals, or explore a new area of interest.</p> <p>The Public Health Institute features in-person courses that will be taking place on the University of Minnesota Twin Cities West Bank campus. Select courses will be available online. Students taking online courses are expected to participate during the scheduled dates and times as online courses are synchronous.</p>

BioStatEpi

Treviso, Italy

Name	Summer School on Modern Methods in Biostatistics & Epidemiology
Sponsors	BioStatEpi
Location	Brandolini Colomban Castle, Treviso, Italy
Types and dates of Courses	May 31 - June 13, 2026
Number of Courses	19
Language	English
Number of faculty	21
Target audience	Researchers, physicians, clinicians and public health professionals from public and private institutions who are looking for systematic training in the principles of epidemiology and biostatistics, or epidemiology applied to health care planning and evaluation.
Cost	Varies based on the number of weeks of attendance
Registration	Final deadline - end of May 2026
Course directors	Marco Bonetti & Nicola Orsini
Contact information	Administrator - Frederico Perlino: info@bioepiedu.org https://www.bioepiedu.org/
Comments	Immerse yourself in an enriching and memorable learning experience at the stunning Brandolini Colomban castle, where our comprehensive courses in biostatistics and epidemiology will enrich your knowledge of data science and elevate your research skills to new levels.

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Florida's Summer Institute in Biostatistics and Data Science Program

Name	Florida's Summer Institute in Biostatistics & Data Science Program (SIBDS)
Sponsors	Florida Atlantic University
Location	Boca Raton, FL
Types and dates of Courses	May 18 - June 26, 2026
Deadline	Application deadline - March 13, 2026
Language	English
Target audience	Undergraduate students or those recent graduates not currently in graduate programs.
Course directors	Dr. Katherine Freeman and Dr. Andre Williams
Contact information	kfreemancostin@health.fau.edu or andrewilliams@health.fau.edu https://tinyurl.com/nwdmmwra
Comments	<p>Calling all undergraduate students or those recent graduates not currently in graduate programs, it's time to discover how working with data can change your life through Florida's Summer Institute in Biostatistics and Data Science Program (SIBDS), funded by the National Institutes of Health.</p> <p>This opportunity is the key to understanding how data, driven by participants' responses, can help draw conclusions on everything from why COVID-19 impacts certain populations more than others, to why clinical trials are important and a whole lot more.</p>

Aarhus University

Pharmacoepidemiology Summer School

Name	Pharmacoepidemiology Summer School 2026
Sponsors	Aarhus University / Dept of Clinical Epidemiology
Location	Grenaa, Denmark
Program year	11th
Types and dates of Courses	June 15-19, 2026 <ul style="list-style-type: none"> - Pharmacoepidemiology and Comparative Effectiveness Research - Meta-analysis - Pharmacoepidemiology Using the US FDA Sentinel System Framework
Number of Courses	There are 3 courses but they are offered as 1 unit
Language	English
Number of faculty	5 faculty members - most are international faculty
Target audience	Aimed at PhD students, postdocs, clinicians, and other professionals seeking to advance their skills and knowledge
Cost	The course fee includes full tuition, five-night hotel stay, breakfast and lunch, fruit + coffee/tea, a complimentary course dinner, and a social program.
Deadline for registration	TBA
Limit on participants	30
Course directors	Professor Vera Ehrenstein, Dept of Clinical Epidemiology, Aarhus Univ
Contact information	Helle Vester, Communications Officer Email: summerschool@clin.au.dk Website: https://tinyurl.com/mvjst3ch
Comments	This year's summer school will cover the fundamental principles and methods of pharmacoepidemiology, provide guidance on synthesis of the evidence, and offer an introduction to some sources of real-world data in the United States. Format: Lectures, group work, and exercises. Prerequisites: Basic training in epidemiology and biostatistics is assumed. Equipment: Laptop. All participants will get a short-course STATA license, which needs to be installed on the laptop.

11th Annual Summer Institute in Statistics for Clinical & Epidemiological Research (SISCER)

Name	Annual Summer Institute in Statistics for Clinical & Epidemiological Research (SISCER)
Sponsors	University of Washington, Dept of Biostatistics
Location	Virtual
Program year	13th
Types and dates of Courses	July 7 – July 30
Number of Courses	14 available - fees are structured based on the number of courses a student chooses to take.
Language	English
Number of faculty	16 instructors representing faculty from UW as well as other universities and research centers (national and international)
Target audience	The mission of SISCER is to strengthen the statistical proficiency and career development of researchers from all backgrounds. Attendees include graduate students as well as junior and senior researchers.
Deadline for registration	Seven days prior to the start of a course. Registration is tentatively scheduled to open around March 1, 2026.
Course directors	Kathleen Kerr, UW Professor of Biostatistics
Contact Information	Deb Nelson, Event Manager - uwbiost@uw.edu Website: https://tinyurl.com/5xwkmwdy
Comments	The Summer Institute in Statistics for Clinical & Epidemiological Research (SISCER) offers introductory and advanced short courses in methods for clinical research and epidemiology. Participants will find learning opportunities for clinical trials, causal inference, two-phase studies, complex surveys, and analyzing longitudinal and time-to-event data. New course this year: Multi-state models for time-to-event data, with applications to clinical research

17th Summer Institute in Statistics & Modeling in Infectious Disease (SISMID) 2025

Name	Annual Summer Institute in Statistics & Modeling in Infectious Disease 2026
Sponsors	Rollins School of Public Health at Emory University
Location	Atlanta, GA and online
Program year	17th
Types and dates of Courses	Online: Jun 22-26, 2026 In person: July 13-24, 2026 Modern methods of statistical analysis and mathematical modeling
Number of Courses	22 total (between in-person and online)
Language	English
Target audience	SISMID has trained thousands of researchers from academia, government, and industry.
Cost	\$395-\$895 per module based on format (online or in-person), classification of attendee (student, industry, etc), and date of registration. Limited scholarships are available. Online courses are not available outside the USA due to tax constraints.
Registration	Early bird pricing end April 30, 2025 Registration closes June 30, 2025
Course directors	Dr. Natalie Dean
Contact Information	Website: https://tinyurl.com/3vp8fysh sismid@emory.edu
Comments	The Summer Institute in Statistics and Modeling in Infectious Diseases (SISMID) has moved to Atlanta. Dr. Betz Halloran co-founded SISMID in 2009 and was the previous director of the Summer Institute in Statistics and Modeling in Infectious Diseases (SISMID). SISMID introduces infectious disease researchers to modern methods of statistical analysis and mathematical modeling and introduces statisticians and mathematical modelers to the statistical and dynamic problems posed by modern infectious disease data.

Summer Session for Public Health Studies 2025 Harvard University

Name	Summer Session for Public Health Studies 2025
Sponsors	Harvard T.H Chan School of Public Health
Location	Boston, MA
Types and dates of Courses	Summer Session I: July 7 - July 24, 2026 Summer Session II: July 27 - August 14, 2026 A sample course listing is available on the website.
Language	English
Target audience	The Summer Session is intended for health professionals in training or those who are considering a mid-career change into public health and feel the need to strengthen their skills. Applicants must have a bachelor's degree to be eligible to apply. Applicants are public health professionals, primary care practitioners, physicians engaged in the evaluation of health care delivery and management and physicians in training.
Cost	Varies but no financial assistance is available for the 2026 summer program
Course directors	Stephanie Lemoine
Contact Information	Website: https://tinyurl.com/2s4xbh4d slemoine@shph.harvard.edu / (617) 432-0090
Comments	A sample course listing and financial information are available on the website in the "additional information" section.

ESCMID Summer School Dublin, Ireland

Name	ESCMID Summer School
Sponsors	ESCMID
Location	Budapest, Hungary
Program year	24th
Types and dates of Courses	June 28 – July 4, 2025
Number of Courses	Preliminary program: https://tinyurl.com/yerp47jj
Language	English
Target audience	Summer School is open for ESMID members and non-members currently enrolled in or holding a postgraduate degree in fields such as Infectious Diseases, Clinical Microbiology, or related disciplines.
Cost	1,300 € - 1,600 €
Registration	The deadline to register is June 5, 2026
Course directors	Maeve Doyle & Cathal O’Broin
Contact information	Email: courses@escmid.org Website: https://tinyurl.com/3jn7x3w8
Comments	<p>Featuring an experienced faculty board with a range of Clinical Microbiology (CM) and Infectious Diseases (ID) lectures, attendees will benefit from a workshop style setting and have the opportunity to apply their knowledge in practical exercises. A special section in the agenda is dedicated to student presentations, offering the opportunity to share personal experiences and enhance presentation skills through feedback from recognised experts. Do not miss this memorable and enriching experience with ESCMID.</p> <p>Budapest, Hungary's vibrant capital, known for its stunning architecture, rich history, and unique blend of cultures, features landmarks like Buda castle and Gellért thermal baths. Its bustling streets showcase a unique mix of heritage and modernity.</p>

Advanced Epidemiology & Preventive Medicine

Tel Aviv University

Name	Advanced Epidemiology & Preventive Medicine 2026
Sponsors	Tel Aviv University
Location	Tel Aviv, Israel - a Zoom format is available for international students
Types and dates of Courses	<p>July 12-22, 2026</p> <p>2026 Courses: Reproductive Epidemiology – Sociodemographic, Environmental and Clinical Determinants</p> <p>One Health – Advanced Themes in Infectious Diseases Epidemiology</p> <p>Nutrition and Public Health</p>
Language	English
Target audience	The program is open to graduate and qualified undergraduate students, clinicians, healthcare professionals, researchers, policymakers, and others with a professional interest in the field, from Israel and abroad.
Cost	<p>\$900 for each 2hr credit course</p> <p>Partial scholarships are available</p>
Registration	Registration for 2025 will open soon
Course directors	Gabi Bar, International Program Coordinator
Contact information	<p>Email: gabibar@tauex.tau.ac.il</p> <p>Phone: +972 (0)3 640-8021</p> <p>Website: https://tinyurl.com/4ekfra2m</p>
Comments	The Summer Institute of Advanced Epidemiology and Preventive Medicine offers intensive one–two week courses taught in English by faculty from Tel Aviv University’s School of Public Health, in collaboration with leading international experts from academic, research, and public health institutions worldwide.

12th Summer Institute in Statistics for Big Data (SISBID) 2026

Name	Annual Summer Institute in Statistics for Big Data 2026
Sponsors	University of Washington / Dept of Biostatistics
Location	Online
Program year	12
Types and dates of Courses	July 15-31
Number of Courses	5
Language	English
Target audience	Attendees include graduate students as well as junior and senior researchers.
Cost	\$475-\$675 per module
Registration	Registration ends 7 days prior to the start of a course
Course directors	Ali Shojaie Professor and Interim Chair, UW Biostatistics
Contact Information	Website: https://tinyurl.com/mueh5e3p Deb Nelson, Event Mgr: sisbid@uw.edu
Comments	<p>The Summer Institute for Statistics in Big Data (SISBID) is designed to introduce biologists, quantitative scientists, and statisticians to modern statistical techniques for the analysis of biological big data. This year's courses include:</p> <ul style="list-style-type: none"> • Data Wrangling with R — July 15-17 (tentative) • Data Visualization — July 20-22 • Supervised learning — July 22-24 • Unsupervised learning — July 27-29 • NEW for 2026: Deep Learning and Artificial Intelligence — July 29-31

Summer Course in Epidemiology

European Educational Programme in Epidemiology

Name	Summer Course in Epidemiology
Sponsors	European Educational Programme in Epidemiology (EEPE)
Location	Florence, Italy
Program year	38th
Types and dates of Courses	June 15 – July 3, 2025 Additional specialized week beginning July 7th
Number of Courses	The course offers in the first two weeks five general modules on epidemiological study design and statistical analysis of epidemiological data. In the third week several special modules cover topics of current relevance for health and advanced methodological issues.
Language	English
Number of faculty	The courses are taught in English by lecturers mostly from European universities and research institutes and are held in residential form in the “Studium” centre on the hills close to Florence.
Target audience	The course is intended for epidemiologists, public health practitioners, statisticians and clinicians with an interest in epidemiology.
Cost	3,965 € inclusive for the 3 week main course
Deadline for registration	Places are allocated on a first come, first serve basis
Limit on participants	See above
Course directors	Lorenzo Richiardi and Neil Pearce
Contact information	Mrs. Maria del Mar Ferrer https://www.eepe.org/
Comments	Participants have appreciated the opportunity of combining an intensive learning experience with the unique attraction for cultural and artistic enjoyment offered by Florence and Tuscany. We are proud to report a comment written by a participant in the evaluation form at the end of the course “Nowhere else such a high quality presentation of the key topics in modern epidemiology in such a short time”.

Summer Institute in Biostatistics & Data Science (SIBS) Boston University

Name	Summer Institute in Biostatistics & Data Science (SIBS)
Sponsors	Boston University
Location	Boston, MA
Types and dates of Courses	Monday, June 8th through Friday, July 10th, 2026 participants will be in-residence at Boston University. Monday, July 13th through mid-August 2026 , participants will continue working remotely on their research project.
Number of Courses	<p><i>Topics covered in the SIBS Program:</i></p> <ul style="list-style-type: none"> • Biostatistics Analysis • Data Science • Epidemiology • Design and Conduct of Clinical Trials • Statistical Genetics • Infectious Disease Modeling • Programming in SAS and R
Language	English
Number of faculty	9 plus industry speakers and former program graduates
Target audience	Current undergraduate students with an interest in mathematics, statistics, biology, or health sciences who would like to learn how to apply methods to investigate important health issues.
Cost	There is no tuition, travel, room or board cost associated with the program. A stipend may be provided.
Deadline for registration	Places are allocated on a rolling basis with priority given to those who apply prior to March 13, 2026
Contact information	sibs@bu.edu https://tinyurl.com/yc2hcfwv
Comments	<p>Students will gain hands-on experience working with actual data collected in internationally recognized studies that have been funded by the National Heart, Lung and Blood Institute including:</p> <ul style="list-style-type: none"> ▶ The Framingham Heart Study ▶ The Jackson Heart Study

Advanced Statistics Summer Workshop

Indiana University

Name	Advanced Statistics Summer Workshop
Sponsors	Indiana University
Location	Program is delivered via Zoom
Program year	3rd
Types and dates of Courses	June 1-12, 2026 (weekdays only) Advanced Study Design, Advanced Statistical Models, High-Dimensional Analysis
Number of Courses	3
Language	English
Number of faculty	15
Target audience	The workshop is tailored for physicians, scientists and researchers actively engaged in biomedical research.
Limit on Students	Must have internet access. Starting with course 1 and proceeding in order is highly recommended.
Registration	The deadline for registration is May 31, 2026
Program Director	Sujuan Gao, PhD, Indiana University
Contact information	https://medicine.iu.edu/biostatistics/news-events/advanced-statistics , registration link at the top of the page. Registration link: https://go.iu.edu/8x3u
Comments	Course 1 – 6/1-12 9am-12n Course 2 – 6/1-12 1pm-4pm Course 3 – 6/1-12 9am-12n Courses can be attended Asynchronously. Non-IU Registrant – one course \$400, two courses \$300 each.

Target Trial & RWE Virtual Workshop

University of Pennsylvania

Name	Target Trial Emulation & Real-World Evidence
Sponsors	Univ of Pennsylvania - Perelman School of Medicine / Center for Real-World Effectiveness & Safety of Therapeutics
Location	Virtual via Zoom
Types and dates of Courses	June 9–12 and June 15–18, 2026 (8 consecutive business days for 3 hours/day plus a 15-minute break)
Number of Courses	1 - An interactive, hands-on online workshop to learn and apply target trial emulation and real-world evidence methods
Language	English
Number of faculty	5 faculty instructors (instructor profiles available here)
Target audience	Individuals interested in target trial emulation and real-world evidence (RWE), including students, researchers, clinicians, regulators, and industry professionals seeking to strengthen their understanding of topical epidemiologic methods.
Deadline for registration	Early Bird Registration Rate ends April 15, 2026; Final Registration Deadline is June 8, 2026
Program Directors	Sean Hennessy and Charles Leonard
Contact information	Charles Leonard celeonar@penmedicine.upenn.edu
Comments	Synchronous, practical online short course focused on trial emulation and real-world evidence (RWE). The program integrates lectures, hands-on computer labs, and discussion-based journal clubs, enabling participants to learn and apply core concepts such as target trial emulation, bias and confounding control, and the use of external comparator groups, with the opportunity to earn a certificate of completion from a globally recognized academic center.

Bruce Weir Summer Institute in Statistical Genetics (SISG)

Name	Bruce Weir Summer Institute in Statistical Genetics (SISG)
Sponsors	GA Tech, National Science Foundation, Regeneron Genetics Center
Location	Atlanta, GA
Types and dates of Courses	June 1-12, 2026
Number of Courses	17
Language	English
Number of faculty	32
Target audience	Scholars from all backgrounds, including those from groups historically underrepresented in STEM such as racial and ethnic minority groups, low income, first generation college students, and individuals with disabilities.
Deadline for registration	<ul style="list-style-type: none"> • Applications opens: January 12, 2026 • Scholarship application closes: March 6th, 2026 • Registration opens: March 1st, 2026 • Close of all Applications: May 20th, 2026 • Registration closes: May 25th, 2026
Program Director	Greg Gibson, Regents Professor and Tom and Marie Patton Chair in the School of Biological Sciences at the Georgia Institute of Technology
Contact information	SISG Manager: sisg@biosci.gatech.edu Greg Gibson: greg.gibson@biology.gatech.edu Website: https://sisg.biosciences.gatech.edu/
Comments	The Bruce Weir Summer Institute in Statistical Genetics (SISG) introduces geneticists to modern methods of statistical analysis and statisticians to the challenges posed by modern genetic data. The goal of SISG is to strengthen the statistical and genetic proficiency and career preparation of scholars from all backgrounds, especially those from groups historically underrepresented in STEM including low-income, first-generation college students, veterans, individuals with disabilities.

Epi On The Island 2026

Name	Introduction to Systematic Review and Meta-Analysis
Sponsors	University of Prince Edward Island
Location	Online via Zoom
Types and dates of Courses	July 13-17, 2026
Number of Courses	1
Language	English
Number of faculty	4
Deadline for registration	Early registration ends June 21, 2026
Program Director	Dr. Jan Sargeant, Professor Emerita, Ontario Veterinary College, University of Guelph
Contact information	Website: https://tinyurl.com/3rn2dcyw
Comments	<p>This intensive course will provide participants with an understanding of the principles and practical application of research synthesis and translation methodologies, namely systematic review and meta-analysis. Our aim is to provide participants with the knowledge and skills required to develop protocols for systematic reviews and work through the steps of a successful systematic review and meta-analysis, in accordance with published guidelines. The focus in meta-analysis will be on the standard methods for PICO/PECO frameworks, including fixed and random effects models, evaluations of publication bias and assessing sources of heterogeneity. In addition, participants will be introduced to advanced topics in meta-analysis such as network meta-analysis and diagnostic accuracy.</p> <p>The course content will primarily use the statistical software package Stata, however R scripts will be provided and supported by the instructors. The course schedule will allocate time to practical work on participants' own research questions and/or data. An optional online follow-up session for discussion of the progress made by the participants on work initiated during the course will be scheduled 1-2 months after the course.</p>