



NESS

New England Statistical Society (NESS)

To promote the growth and expansion of statistical science in New England and beyond.

<http://nestat.org>

NESS Newsletter

DECEMBER 2021

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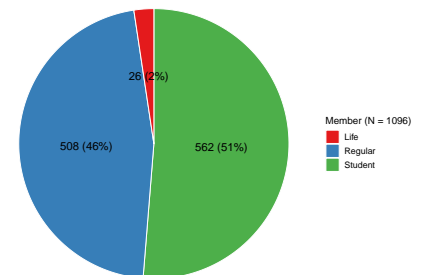
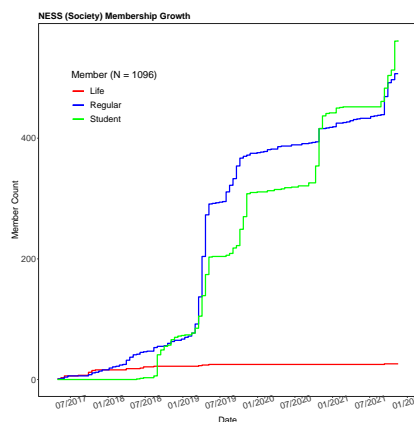
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NESS Officers

President:	Joseph C. Cappelleri
President-Elect:	Eric D. Kolaczyk
Past President:	Ming-Hui Chen
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VP for NextGen:	Abidemi Adeniji
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VP for Journal & Publication:	Colin Wu
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Deputy Treasurer:	Xiaojing Wang
Social Media Coordinator:	Dooti Roy
Webmaster:	Yelie Yuan

Briefings

With all our members' and friends' support, the New England Statistical Society (NESS) has continued to make significant progress on various fronts in 2021. As of December 19, 2021, we have close to 1,100 registered members, around a 22% increase from a year ago.



As of June 1, 2020, Dr. Joseph C. Cappelleri has become the president, Dr. Ming-Hui Chen has become the past president, and Dr. Eric Kolaczyk has become the president-elect. To learn more about NESS, please visit <https://nestat.org>.

The 34th New England Statistics Symposium

After being rescheduled from May 2020, the 34th edition of the New England Statistics Symposium was held on September 30 – October 2, 2021 in a hybrid format. The nearly 250 participants who registered for the conference could choose between a remote participation option and an in-person meeting, held at the University of Rhode Island, Providence campus. The Symposium featured the annual Chernoff Lecture delivered by the Chernoff Award Winner Stuart Geman (Brown University), and plenary invited sessions speakers Tamara Broderick (MIT), Siddhartha Chib (Washington University in St. Louis), and Christopher Schmid (Brown University). The program featured 30 invited sessions, 3 short courses, a career fair, a virtual poster session, a student paper competition sponsored by IBM and a student paper competition sponsored by Munich Re - HSB.





From left to right: Opening remarks from Organizing Committee Chair (Gavino Puggioni), Dean of Arts and Sciences (Jeannette E. Riley), Chernoff Lecture by Stuart Geman



IBM Student Paper Award



Munic Re HSB Student Poster Award



URI Faculty and Students



Gavino Puggioni and Nathan Lally

Chernoff Excellence in Statistics Award

NESS has created the Chernoff Excellence in Statistics Award to honor Herman Chernoff and his outstanding, long-term contributions to the field of statistics. These contributions include work on large sample theory, experimental design, sequential analysis, methods of presenting statistical data in visual form, and statistical decision making. The Chernoff Excellence in Statistics Award is the most prestigious award bestowed by the NESS, given to an individual who, in the tradition of Herman Chernoff's work, has made exceptional contributions to theory, methodology, or novel applications to statistics or data science. This year's inaugural winner of the Chernoff Excellence in Statistics Award is Professor Stuart Geman from Brown University.

For more details on this award and for making nominations and donations, please visit <https://nestat.org/hcaward/> or contact Dr. James MacDougall, NESS VP for Strategies & Development, at jamesmacdougall@comcast.net.



Chernoff Award Winner Stuart Geman & NESS President Joe Cappelleri



Connecting with Chernoff remotely

The New England Journal of Statistics in Data Science (NEJSDS)



The Journal and Publication Committee, chaired by Dr. Colin Wu, is happy to report that the NESS flagship journal, the New England Journal of Statistics in Data Science (NEJSDS), is officially ready to launch and accepting submissions. Thanks to the year-long intensive effort of the Editors-in-Chief, Dr. Ming-Hui Chen and Dr. Min-ge Xie, and members of the editorial board, the journal now has an official submission site at <https://www.e-publications.org/ness/sbs/> and a “two-step review process” being developed in collaboration with “researchers.one”. The “two-step review process” allows for a novel author-led online “open review” and a more traditional invitation-only “close-door peer review.” The “open review” step allows for facilitating online discussions and instant dissemination of submitted work, while the “close-door peer review” step is intended to ensure the quality of the accepted articles. At the submission and paper production side, the editorial board has signed an agreement with VTeX UAB, a Lithuania-Netherlands company, to provide LaTeX author support and copy-editing services to the journal. Authors are encouraged to use the NEJSDS LaTeX template when submitting their manuscripts. Details about the LaTeX template and the submission process can be found at the website <https://journal.nestat.org/submission>.

In addition to the Editors-in-Chief, Drs. Ming-Hui Chen and Min-ge Xie, the NEJSDS editorial board includes Drs. Paul Albert (Co-Editor, Biomedical Research), Colin

Wu (Co-Editor, Biomedical Research), Yuan Ji (Co-Editor, Cancer Research), Ying Lu (Co-Editor, Cancer Research), Feng Guo (Editor, Engineering Science), Ali Shojaie (Editor, Machine Learning and Data Mining), Moinak Bhaduri (Editor, NexGen), Haim Bar (Editor, Software), Gavino Puggioni (Editor, Spatial and Environmental Statistics) and Grace Yi (Editor, Statistical Methodology). The office of Editors-in-Chief is also supported by HaiYing Wang (Managing Editor), Jing Wu (Production Editor), Daeyoung Lim (Webmaster), Liang Shi (Webmaster), and Yelie Yuan (Webmaster). Other details about the journal, such as the mission statement, subject areas of the sections and names of the associate editors, can be found at the website <https://journal.nestat.org>.

The NEJSDS has issued calls for two special issues. The special issue on “Modern Bayesian Methods with Applications in Data Science” has the submission deadline of February 28, 2022. The special issue on “Novel Statistical Methods and Designs for Clinical Trials” has the submission deadline of June 30, 2022. More details of these special issues can be found at <https://journal.nestat.org>. We encourage you to support our journal by submitting your work to the special issues as well as the regular issues. The NEJSDS has also received an invited session at the 2022 Joint Meetings of Statistics to be held on Monday, August 8, 2022, at Washington DC. The title of the JSM session is “New England Statistical Society Invited Papers on Novel Developments and Future Directions of Statistics in Data Science.” Please consider coming to the session if you are planning to attend the 2022 JSM. Session details can be found via <https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/ActivityDetails.cfm?SessionID=222001>.



222001 * I Mon, 8/8/2022, 2:00 PM - 3:50 PM

New England Statistical Society Invited Papers on Novel Developments and Future Directions of Statistics in Data Science — Invited Papers

New England Statistical Society, General Methodology, Section on Statistical Learning and Data Science

Organizer(s): Colin O. Wu, National Heart, Lung and Blood Institute, NIH

Chair(s): Minge Xie, Rutgers University

2:05 PM [Analyzing survival data with graphical proportional hazards measurement error models](#)
Grace Yi, University of Western Ontario

2:30 PM [Innovative Applications of Hidden Markov Models in Cancer Data Science](#)
Paul S. Albert, National Cancer Institute

2:55 PM [Estimation of Gap Time Ratio in Transfer-Learning with an Application to Breast Cancer Simulation Models](#)
Ying Lu, Stanford University School of Medicine; Lu Tian, Stanford University; Sylvia K Plevritis, Stanford University School of Medicine

3:20 PM **Discussant:** Colin O. Wu, National Heart, Lung and Blood Institute, NIH

3:40 PM **Floor Discussion**

Finally, many members and friends of NESS have made immensely contributions to the journal. In particular, Dr. Feng Guo and designer Cindy Martin from Virginia Tech designed the wonderful journal logo and cover page, Dr. Joseph Cappelleri and the University of Connecticut made generous donations to the journal. We express our sincere gratitude to Drs. Cappelleri, Guo and others. If you would like to make a donation, please check the website <https://nestat.org/journaldonation/>. Your donation is greatly appreciated and will be an important component for the success of our journal.

Updates from NextGen Committee

The 2021 NextGen Data Science Day Conference

The 2021 NextGen Data Science Day (DSD) was held virtually using the event platform Whova on Saturday, November 6, 2021 (<https://nestat.org/nextgen/dsd2021/>). The NextGen Committee, led by Dr. Abidemi Adeniji, aims to support the next generation of data scientists and statisticians. In keeping with our mission, the DSD conference provides a platform of resources to help guide students and early career professionals. Attendees gained an improved understanding of the field and its opportunities, which included meeting, discussing, and interviewing with professionals in the field and industry of data science.

Over 150 registered for the conference, with nearly 100 students registering from over 40 different schools, including seven middle and high schools as well as several universities from outside the United States. Nearly 50 registrants signed up to become new members of the New England Statistical Society, forty of which were student registrations. Four organizations including Pfizer, the Hartford Steam Boiler, the American Statistical Association, and Sage Therapeutics sponsored the event. Three sponsors had virtual booths setup in the Whova site during the event where attendees could learn about their organization, watch sponsor videos, and meet with representatives to discuss possible career opportunities.

The NextGen committee continues to make strides in forging connections with industry and professional partners. Despite headwinds due to the pandemic, the committee was successful in raising funds to support activities such as Data Science Day and the NESS scholarship. NextGen’s primary fundraising is through Data Science Day Sponsorship and registration fees. The event was sponsored by four organizations amounting to \$7,000 from sponsorships, and an additional \$2,140 was raised from a combination of registration fees, NESS membership fees, and donations.

REGISTER TODAY!

Helping Grow the Next Generation of Data Scientists

SATURDAY, NOV 6

Virtual Event
8:30AM - 5:30PM EST

DATA SCIENCE DAY 2021
PRESENTED BY THE NEW ENGLAND STATISTICAL SOCIETY NEXTGEN GROUP

Cato T. Laurencin, M.D., Ph.D.
University of Connecticut
University Professor
Title: Regenerative Engineering: the Bold New Convergence Field

Also Featuring
Poster Session!
Onsite Interviews!
Panel Sessions!

Dacheng Liu, Ph.D.
Boehringer Ingelheim
VP Global Head Clinical Data Sciences
Title: Data Science Applications in Clinical Drug Development

Registration is open! Learn more from [this year's itinerary](#).

To download an automated calendar reminder [click here for iCal](#) or [here for Google Calendar](#).

NEW ENGLAND STATISTICAL SOCIETY
NEXTGEN GROUP
<https://nestat.org/nextgen/>

Our conference featured two distinguished keynote speakers. The first was Dr. Cato Laurencin, a designated University Professor at the University of Connecticut, one of only two currently at the school. Dr. Laurencin gave a talk entitled “Regenerative Engineering: the Bold New Convergence Field”. The second Keynote was given by Dr. Dacheng Liu, vice president and global head of Clinical Data Sciences at Boehringer Ingelheim. He presented on “Data Science Applications in Clinical Drug Development”.

In addition to keynote presentations, our event had several different panel sessions throughout the day. In the morning, attendees could attend “What Do Data Scientists Do?”, which featured professionals from various fields who shared their experiences working as data scientists, or “Breakthroughs in COVID-19 Research”, where panelists discussed data science’s role in studying the coronavirus pandemic. In the afternoon, attendees chose from “Building a Career in Data Science”, where speakers discussed searching for a job in data science and gave insights on their own experiences, or “Modern Developments in Reinforcement Learning and Artificial Intelligence”, where speakers presented their work on reinforcement learning. We had 18 speakers from various fields in data science.

Additionally, the poster competition and networking sessions presented opportunities for students and potential employers to meet and interact. Sixteen posters were presented by 21 competitors directly on the Whova event page. Following the opening remarks, we were pleased to host a poster session that lasted close to an hour through the Whova app. Twelve posters, involving 18 participants (some from as far away as Glasgow) were on display, and were graded by 11 judges, who, hailing from both academia and industry, generously contributed their time and crucial feedback to the participants. Awards in professional and graduate categories were announced later in the day, with certificates distributed the following day, along with formal mentions here: https://nestat.org/nextgen/dsd2021/poster_winners2021/.

The session was well attended and generated sufficient interest with award-winners announcing their experience on their personal Twitter feed (for instance, here: <https://twitter.com/EnockBugaye/status/1463844204535296001>). The session was sponsored by Pfizer and participants were commended on their efforts by the Pfizer representative, Dr. Eve Pickering during her remarks at the sponsor spotlight session.

The number of poster teams (and poster participants) has, over the years, been on a steady rise despite a stagnant format. To ensure a variety of flavors, this time, we introduced the option of presenting dashboards for visualizing complex data interactively (and one submission fell in that category). We intend to retain and further that vision, moving forward, as the session prospers. The conference was organized by the NextGen Committee, along with support from many volunteers and sponsors.

Diversity, Inclusion, & Outreach (DIO)

The NextGen Diversity, Inclusion, & Outreach (DIO) subcommittee in conjunction with the Education Committee has reached their goal of developing and opening the inaugural round of applications for the NESS Scholarships for Underrepresented Minorities. The official opening started with an announcement at Data Science Day 2021, with winners to be awarded at the NESS Symposium in 2022. We have currently received commitments of \$5000 from our sponsors (Menger Analytics, NESS, & personal donations), with plans to focus on furthering both company commitments & individual donation efforts. The purpose of the scholarships is to help advance the representation of underrepresented groups in statistics and data science by supporting graduating high school seniors and first/second year undergraduate students interested in pursuing a career in statistics and/or data science. The scholarships will support efforts of NESS to improve the diversity and inclusivity of its community, as well as in the fields of statistics and data science. Our group has worked to build a secure submission portal, in addition to having our scholarships posted on various scholarship web boards such as Scholarships.com. Through connections in the Providence RI area, we have put together a selection committee that includes a high school mathematics educator to help further our insight into this initiative from the applicants’ perspective.

In a targeted campaign to address feedback regarding the diversity of Data Science Day, the DIO committee has worked to target diversity clubs & organizations at 148 schools (105 historically black colleges and universities and 43 other New England schools). Our group will continue to work to build more personal connections with these universities, particularly in conjunction with the

scholarship initiative. A new area of outreach focus at DSD 2021 was on increasing high school student attendance. With 4 high school attendees, this proves to be a promising future direction for increasing the next generation's exposure to the fields of statistics & data science.

NextGen Section in NEJSDS

The NextGen section of the New England Journal of Statistics in Data Science, has accepted one paper, titled "Poisson Modeling and Predicting English Premier League Goal Scoring", and is currently in press. Another paper, titled "US Food Environments: Clustering and Analysis" is being modified by the author, following the first round of review and recommendations by the referees. Interest is gradually growing in our section, with three other manuscripts being written and authors making general queries. Our goals are here: https://journal.nestat.org/section_pages/nextgen. With an updated submission portal at: <https://www.e-publications.org/ness/sbs/index/login>. The associate editors have created online accounts to make the review process more streamlined.

Education & Outreach

In 2021 the education committee focused its efforts on two primary goals: developing The New England Statistical Society Scholarships for Underrepresented Minorities in partnership with the NextGen Committee and beginning the NESS Colloquium Special Series on Ethics in Data Science.

The scholarship was successfully launched during this year's Data Science Day conference on November 6th 2021 and we would like to thank volunteers Adam Shetler and Tanesia Beverly for their continued work designing the scholarship in collaboration with NextGen volunteers as well as Tom Lee, Jun Li, Peng Xiao and Saket Saraf for their work developing and maintaining the website and application portal. Without their dedication this endeavor would not have been possible.

During summer 2021 we also launched the NESS Colloquium Special Series on Ethics in Data science with a talk from Dr Amit Dhurandhar of IBM's Thomas J. Watson Research Center titled Towards AI Governance with Trustworthy AI. Though it has been challenging to schedule more speakers, our volunteers are working on making connections necessary to bring more such events to NESS members.

New England Rare Disease Statistics (NERDS) Workshop



NESS | New England Statistical Society
NEW ENGLAND STATISTICS SYMPOSIUM SINCE 1987 & NEW ENGLAND STATISTICAL SOCIETY SINCE 2017

2021 New England Rare Disease Statistics (NERDS) Webinar Series

The New England Statistical Society (NESS), alongside the 2021 NERDS Organizing Committee, is pleased to announce that we will be hosting a series of virtual webinars (Nov-Dec) focused on the current state of statistical and clinical research in rare disease drug development. We had a very successful virtual NERDS 2020 event last year, where we had well over 200 registrants. This year we aim to keep the conversation going with several webinars that are aimed to help our rare disease community connected and informed of recent advances and research. We all look forward to a day when we will be able to safely meet again in person for this event as we had done in 2019.

Registration
Registration is now open at <https://nerds.nestat.org>. Once you register, you will receive notifications and invitations to future webinars, as well as all NERDS announcements.

- **Webinar Session #1:** Real World Evidence and Real World Data. Time: Nov. 5, 2-4 PM EDT. **Confirmed Speakers:** L.J. Wei (Harvard University), Jane White (Pfizer) and Jian Zhu (Servier)
- **Webinar Session #2:** Master Protocols. Time: Nov 12, 2-4 PM EST. **Confirmed Speakers:** Anne Heatherington (Takeda), Don Berry (MD Anderson) and Jianhong Lin (Takeda)
- **Webinar Session #3:** External/Historical Data. Time: Nov 19, 2-4 PM EST. **Confirmed Speakers:** Jeff Barrett (C-Path), Ruthie Dauli (Acorn AI), Veronica Bunn (Takeda) and Chenghao Chu (Vertex)
- **Webinar Session #4:** Composite Endpoints. Time: Dec 3, 2-4 PM EST. **Confirmed Speakers:** Marc Bugye (IDDI and Cluepoints), Yan Wang (FDA), Glen Laird (Vertex) and Xiaogan Liu (Vertex)

Sponsorship
We appreciate the sponsorship from the following organizations in the past:

agios | Biogen | ASAC | Boston Children's Hospital | AstraZeneca | Daiichi Sankyo | Gilead | Novartis | Pfizer | PROMETRIKA | Sage Therapeutics | SERVIER | Takeda | VERTEX

The last 15+ years have seen a great emergence of drug development efforts in the rare disease space. Contributing factors include increased public awareness and advocacy, encouraging drug regulation changes, scientific advancement in cell and gene therapies, development of new and innovative trial design methods, availability of scientific talent through decades of cultivation, etc. As a result, a great number of regulatory, academic, and industry statisticians are now working to bring these orphan drugs to patients, facing unique technical issues and challenges. However, at least in the US, there has not been a conference dedicated to the statistical and quantitative challenges in rare disease drug development. Given the large unmet need, NESS started the New England Rare Disease Statistics (NERDS) annual workshop in 2018, which aims to bring together quantitative professionals across the entire rare disease drug development spectrum so that they may have a common "home" to exchange ideas and share experiences, and also to network. The workshop was initially designed to be an annual one-day event with interactive presentations and discussions. Speakers from industry, academia, and government are invited to give talks covering technical issues, regulatory interpretation, industry trends, and case studies of both success and failure stories.

This year marked the fourth annual workshop, and for the second year in a row, the meeting was held virtually. Along with the 2021 NERDS workshop organizing committee, NESS hosted a series of four virtual webinar sessions throughout November and December. While we all intend to meet in person again for future NERDS workshops, this year we hoped to keep the conversation going with virtual webinars that help our rare disease community stay connected and be informed of recent advances in statistical and clinical research in rare disease drug development.

The first session took place on November 5, 2021 and focused on real world evidence and real-world data (L.J. Wei from Harvard, Jane White from Pfizer, and Jian Zhu from Servier). Subsequent sessions were dedicated to master protocols (Anne Heatherington from Takeda, Don Berry from MD Anderson, and Jianchang Lin from Takeda), external/historical data (Jeff Barrett from C-Path, Ruthie Davi from Acorn AI, Veronica Bunn from Takeda, and Chenghao Chu from Vertex), and composite endpoints (Marc Buyse from IDDI and Cluepoints, Yan Wang from FDA, and Glen Laird / Xiaoyan Liu from Vertex). All four sessions were very well-attended and interactive, and we also broke a record with over 400 registered participants in the event.

The 2021 NERDS organizing committee is co-chaired by Jeff Palmer (Pfizer) and Andy Chi (Takeda). Other committee members include Daniel Meyer (Pfizer), Kun Chen (UConn), Jianan Hui (Servier), Yuwen Gu (UConn), Charlie Cao (Biogen), Roe Gutman (Brown), Yang Song (Vertex), Sammi Tang (Servier), and John Zhong (REGENXBIO). More details, along with slides and video recordings, can be found at <https://nerds.nestat.org>.

Sponsored Events

ASA-BI-NESS Webinar Series

NESS continues to sponsor the ASA-BI-NESS Webinar series in 2021. This webinar series focuses on innovative statistical methodologies and other related topics. The webinar series is open to the broad statistics community and general external audiences.

- Webinar #25 (April 15): Statistical Considerations for Non-Proportional Hazards: Methods and Applications. Dr. Bo Huang, Senior Director of Biostatistics and Head of Immuno-Oncology Statistics, Pfizer.
- Webinar #26 (May 20): On information fraction for Fleming-Harrington type weighted log-rank tests in a group-sequential clinical trial design. Madan G Kundu, Associate Director of Biostatistics, Cancer Enterprise division Daiichi Sankyo Inc.
- Webinar #27 (October 28): Hierarchical testing in group sequential designs. Dr. Dong Xi, Associate Director, Advanced Methodology and Data Science, Novartis Pharmaceuticals.
- Webinar #28 (November 16): Incorporating Short-term Endpoints for Adaptive Subgroup Enrichment Design with Sample Size Re-estimation. Dr. Liwen Wu, Manager, Statistics, Statistical & Quantitative Sciences (SQS), Data Science Institute (DSI), Takeda Pharmaceuticals.
- Webinar #29 (December 7): Statistical Methods for Indirect Comparison with RWD Studies with Survival Endpoint under Non-proportional Hazards. Dr. Dan Zhao, Senior Principal Statistician, Servier Pharmaceuticals.

We sincerely thank Hui Gu, Victoria Chen, and Eric Fu from Boehringer Ingelheim Pharmaceuticals, Inc. (Biostatistics and Data Sciences Department) for organizing the events. For inquiries, please contact us at MEDecc.US@boehringer-ingelheim.com.

If you would like to serve as a NESS representative for this webinar series, please contact Jianan Hui at jianan.hui@servier.com.

Online Interdisciplinary Seminars on Statistical Methodology for Social and Behavioral Research

The online interdisciplinary seminars on statistical methodology for social and behavioral research is supported by the department of statistics and the Department of Education Psychology in the University of Connecticut (UConn), the Statistical and Applied Mathematical Sciences Institute (SAMSI) and the New England Statistical Society (NESS). The seminar is held online via WebEx and anyone in the world can join and it is scheduled monthly on Friday noon. The aims of the seminar are to promote the connection between the statistics and social/behavioral science communities and to encourage more graduate students to participate in the interdisciplinary research.

The seminars in 2021 are listed below:

DATE	SPEAKER	AFFILIATION	TITLE
1/29/2021	P. Richard Hahn	Arizona State University	The Bayesian causal forest model: regularization, confounding, and heterogeneous effects
2/26/2021	Edward Ip	Wake Forest University	Partially Ordered Responses and Applications
3/26/2021	David Dunson	Duke University	Bayesian Pyramids: Identifying Interpretable Deep Structure Underlying High-dimensional Data
4/16/2021	Susan Paddock	NORC at the University of Chicago	Causal Inference Under Interference in Dynamic Therapy Group Studies
4/23/2021	Jean-Paul Fox	University of Twente	Bayesian Covariance Structure Modeling: An Overview and New Developments
4/30/2021	Jennifer Hill	Columbia University	thinkCausal: One Stop Shopping for Answering your Causal Inference Questions
5/21/2021	David Kaplan	University of Wisconsin – Madison	Developments and Extensions in the Quantification of Model Uncertainty: A Bayesian Perspective
6/18/2021	Jon Krosnick	Stanford University	The Collapse of Scientific Standards in the World of High Visibility Survey Research
9/10/2021	Susan Murphy	Harvard University	Assessing Personalization in Digital Health
10/1/2021	Fan Li	Duke University	Overlap Weighting for Causal Inference
11/5/2021	Jerry Reiter	Duke University	How Auxiliary Information Can Help Your Missing Data Problem

We sincerely thank Dr. Xiaojing Wang for initiating the NESS sponsorship of this laudable seminar series. For announcements and WebEx live streaming links, please contact Tracy Burke (tracy.burke@uconn.edu).

Leadership & Election

The 2021 NESS Election took place in August. Victor Hugo Lachos Davila from UConn, Henry Lam from Columbia University, Stavroula Chrysanthopoulou from Brown University, Aana Plantinga from Williams College, Qiqi Deng from Moderna, Clementine Plati from Twitter have been elected as members of the Society Council. Sammi Tang from Servier and Kathy Ziff from Amazon have been elected to continue as members of the Society Council.

Executive appointments and continued service are listed as follows.

- Abidemi K. Adeniji from M-Estimator LLC will continue serving as VP for NextGen.
- Jianan Hui from Servier has been appointed to serve as Secretary.
- Yuwen Gu from UConn has been appointed to serve as Deputy Secretary.
- Lynn Kuo from UConn will continue serving as Treasurer.
- Nathan Lally from HSB will continue serving as VP for Education.
- James MacDougall will continue serving as VP for Strategies & Development.
- Gavino Puggioni from URI will continue serving as VP for Scientific Program.
- Dooti Roy will continue serving as Social Media Coordinator.
- Xiaojing Wang from UConn will continue serving as Deputy Treasurer.
- Colin Wu from NIH will continue serving as VP for Journal & Publication.

Congratulations!

We would also like to take this opportunity to thank executives and council members who have concluded their terms for their great service to NESS and to statistical and scientific communities:

- Kun Chen from UConn
- Naitee Ting from Boehringer Ingelheim
- Michael Kane from Yale
- Dipak K. Dey from UConn
- Davit Khachatryan from Babson College
- Balgobin Nandram from WPI

The profiles of NESS Council members can be found at <https://nestat.org/about/council/>.

Call for Papers

Special Issue on Modern Bayesian Methods with Applications in Data Science

This call for papers invites participants of the EAC-ISBA 2021 to submit their work to a special issue of The New England Journal of Statistics in Data Science (NEJSDS). The NEJSDS is the official journal of the New England Statistical Society (NESS) that aims to serve as an interface between statistics and other disciplines in data science. The journal publishes high quality original research, novel applications, and timely review articles in all aspects of data science, including (but not limited to) all areas of statistical methodology, methods of machine learning, and artificial intelligence, novel algorithms, computational methods, data management and manipulation, applications of data science methods, among others. This special issue is on “Modern Bayesian Methods with Applications in Data Science” in connection with the theme of the conference to celebrate Dr. James O. Berger’s 70th birthday.

The submission deadline for the special issue is February 28, 2022. All submissions must be online through the website <https://www.e-publications.org/ness/sbs/>. Please state that your submissions are “For the Special Issue on Modern Bayesian Methods with Applications in Data Science” in the Box of Comments to the editors. The submissions will go through a regular review process. As the editors for this special issue, we will handle the peer review timely and carefully.

NEJSDS is proud to be a pioneer in the reform of the traditional peer review process by implementing a new hybrid journal review process. In this new review process, authors have the option to supply referee reports invited by the authors, as a supplement to the traditional review reports led by the editorial board. The decisions will take into consideration of both review reports

initiated by the authors and the reports initiated by the editorial board. If any authors choose to provide open reviews for their articles, please mention it in the cover letter and upload the review reports (including the information of reviewers' affiliations and email addresses) as supplementary materials when submitting the article.

If you have any questions or have a pre-submission inquiry, please contact us at editors@nestat.org or e-meet us by booking a virtual meeting. We look forward to receiving your papers in due course.

Call for Contribution to the Newsletter

Members are invited to submit contributions to the NESS Newsletter which will be published subject to the approval of the editor. Contributions can be of any form relevant to the interests of the society. Please contact Jianan Hui or Yuwen Gu at ness@nestat.org.

Membership

The current membership fee structure is as follows:

- Student Membership is free.
- Regular membership: \$30 per year.
- Life membership: \$600.
- K-12 educator enjoys 50% discounted on regular membership (\$15 per year) and life membership (\$300).
- Joint membership with Institute of Mathematical Statistics (IMS): \$109 per year.

To become a NESS member, please register through our website at <https://nestat.org/php/member/#signup> or mail in the attached registration form.

To make a donation, please visit <https://nestat.org/donation/>. Your donation will help to promote the growth and expansion of statistical science in the New England area and beyond.

We sincerely invite you to join us. Without the support from our devoted members, the establishment and the rapid growth of our young society would not have been possible.



NESS | New England Statistical Society

NEW ENGLAND STATISTICS SYMPOSIUM SINCE 1987 & NEW ENGLAND STATISTICAL SOCIETY SINCE 2017

Membership Registration Form

Last Name:	
First Name:	
Middle Name:	
Membership Type:	Student <input type="checkbox"/> Regular <input type="checkbox"/> Life <input type="checkbox"/> NESS/IMS <input type="checkbox"/> K-12 Educator <input type="checkbox"/>
If Student Members, Expected Graduation Year:	
Email Address:	
Phone Number:	
Employer:	
Address Line 1:	
Address Line 2:	
County/City:	
State/Province:	
Zip Code:	
Country:	
Signature & Date	

- *Student Membership is free.*
- *Regular membership: \$30 per year.*
- *Life membership: \$600.*
- *K-12 educator enjoys 50% discounted on regular membership (\$15 per year) and life membership (\$300).*
- *Joint membership with Institute of Mathematical Statistics (IMS) is \$109 per year.*

Please send the form and a check to:

New England Statistical Society (Attn: Lynn Kuo)
Room 306, Philip E. Austin Building
215 Glenbrook Rd. U-4120
Storrs, CT 06269-4120