

# **NHS Student Newsletter**

### Fall 2022

Dear NHS Students, Faculty, and Alumni,

We hope that you had a good Fall semester! As we bring the semester to a close, we want to fill you in on all the accomplishments, opportunities, and events happening in NHS. We also bring to you a feature on NHS faculty member, Dr. Viola Vaccarino.

In August 2022, we welcomed a new NHS cohort: Aishat Gambari, Erica Kocher, Su Yeon Oh, and Sarah Qabazard. Glad to have you as part of NHS and we wish you all the very best in your first year!

This semester, we made some changes to our editorial committee – we said goodbye to Ben, who had served on the committee for 3 years (THANK YOU Ben!) and welcomed Lan Tran as the new chair. We look forward to bringing you more interesting content in the coming semesters.

We wish you all a happy holiday season and look forward to seeing you in the New Year!

Cheers.

Wilhemina and Lan

#### NHS ACCOMPLISHMENTS

# James (Jiada) Zhan, 2<sup>nd</sup> year

James wrote a novel and comprehensive R package, called "dietaryindex", on GitHub that can calculate many common dietary indexes (HEI2015, AHEI, DASH, MED, DII) within 1-2 steps using all dietary assessment tools, which include but are not limited to NHANES, ASA24, DHQ3, BLOCK FFQ. It is a very neat package and it has gained some attention on GitHub (10 stars, 3 forks). He has plans to publish it as a nutrition methodology paper. Access the dietary index package here: https://github.com/jamesjiadazhan/dietaryindex

He also wrote an R package, called "pandaOmics", on GitHub to facilitate the processing and analyzing of -Omics data. While it currently only supports LC-MS, it can process the LC-MS data right after metabolite feature extraction and then perform multiple linear regressions using limma very easily with a few lines of code. Installation is straightforward. It is designed to benchmark against xmsPANDA developed by Karan Uppal. Access the pandaOmics package here: https://github.com/jamesjiadazhan/pandaOmics

## Kasthuri Sivalogan, 3<sup>rd</sup> year

Kasthuri was selected as a trainee for the Graduate and Post-doctoral Training in Environmental Health Science and Toxicology T32 Training Grant.

## Wilhemina Quarpong, 3rd year

Wilhemina had a poster and oral presentation at the just ended 2022 International Union of Nutritional Sciences (IUNS)- International Congress of Nutrition:

Wilhemina Quarpong, Samson Wakoli, Shadrack Oiye, Anne M Williams. Interpreting compliance to the EAT-Lancet diet using dietary intakes of lactating mothers in rural Western Kenya.

Akua Tandoh, Amos Laar, Rebecca Pradeilles, Agnès Le Port, Hibbah Osei-Kwasi, Gideon Amevinya, Richmond Aryeetey, Charles Agyemang, Michelle Holdsworth, \*Wilhemina Quarpong. How ready are community stakeholders to implement interventions to address the marketing and availability of unhealthy foods and beverages in and around schools in the Greater Accra Region of Ghana?

## Yara Beyh, 4th year

Yara received two awards and had a paper published recently:

Nalini and Ravi Saligram Endowed Scholarship - provides financial support for MPH or PhD students who have demonstrated interest in diabetes prevention research in India.

Livingston Fellowship Award - recognizes the outstanding achievements of the most promising or best performing doctoral students, one from each of the seven PhD departments at the Rollins School of Public Health.

Frediani, J.K., **Beyh, Y.S.**, Gupta, N. et al. Metabolomics profiling in acute liver transplant rejection in a pediatric population. Sci Rep 12, 18663 (2022). https://doi.org/10.1038/s41598-022-18957-4

## Mica J. Jenkins, 4th year

Mica had a poster presentation at the 2022 IUNS International Congress of Nutrition:

Mica J. Jenkins, Maria Elena D. Jefferds, Lucas K. Gosdin, Anne M. Williams, Melissa F. Young, Parminder S. Suchdev, Andrea J. Sharma, Zuguo Mei, O. Yaw Addo. Re-examination of hemoglobin cut-offs defining anemia in school-age children and adolescents aged 5-19y

## Sonia Tandon, 5th year

Sonia presented a poster at the Developmental Origins of Health and Disease (DOHaD) World Congress in August:

**Tandon S**, Ramirez-Silva CI, Gonzalez-Casanova I, Stein AD, Rivera Dommarco JA, Demmelmair H, Koletzko B, Ramakrishnan U. Maternal single nucleotide polymorphism rs174602 modified the effect of prenatal DHA supplementation on offspring cardiometabolic health at 11 years: follow-up of a randomized controlled trial in Mexico. DOHaD World Congress, Vancouver, BC, 2022.

## Priya M. Gupta, 5th year

Priya had a poster presentation at the 2022 IUNS International Congress of Nutrition:

Priya M Gupta1, Bryan M Gannon2, Michael Grahn2, Victor Akelo3, Dickens Onyango4, Sana Mahtab5, Shabir A Madhi5, Dianna M Blau6, Sherry Tanumihardjo2, Parminder S Suchdev

#### Dr. Camila Corvalan, NHS graduate

Camila was selected as the inaugural winner of the International Union of Nutritional Sciences (IUNS) Nevin S. Scrimshaw award. The award honors a nutrition scientist who is 15 years or less past completing their highest degree for exceptional contributions to the field of nutrition.

#### **ROTATION OPPORTUNITIES**

(AGGREGATED HERE SO YOU DON'T HAVE TO SEARCH THROUGH HUNDREDS OF ARCHIVED EMAILS)

### Single cell RNA sequencing analysis

We are conducting a single cell RNA sequencing analysis at the Bhasin Biomedical Lab at Emory. The study entails analyzing 30 samples from the placenta and PBMCs of controls and GDM women in Northern India. The steps include a bisulfite sequencing approach to create the methylation profile library, followed by a high throughput transcriptomics analysis using RNA barcoding approach for profiling purposes using 10x Genomics technology.

This rotation - data collection through lab work - will bring students interested in -omics a step closer to learning the methodological approaches in the field. Further, publications will be made after the computational analysis (not part of this rotation) is conducted and finalized. The work is expected to span over 3-4 months, starting any time after mid-December. If interested, please contact Dr. Manoj Bhasin (manoj.bhasin@emory.edu) or Yara Beyh (ybeyh@emory.edu).

#### Quantitative and qualitative data analysis and systematic review

Dr. Siegel is seeking students for a variety of projects involving quantitative and qualitative data analysis and systematic reviews. Topics include dietary (including foods and beverages) trends among people with diabetes using NHANES; diet-related behaviors, attitudes, and perceptions; impact of diet on climate and health; intersection of public health nutrition and sustainable food systems. Contact Karen Siegel @ krsiege@emory.edu if interested.

#### Literature review and grant writing in diabetes and cardiometabolic diseases

We are in the process of writing one or two grants to be submitted in June of 2023 and soon after. This project entails type 2 diabetes and -omics, including but not limited to genomics, metabolomics and possibly lipidomics related to diabetes and cardiometabolic diseases. We are looking for one or more students interested in those topics and would be willing to help in literature review and participate in drafting of the grant. The project is currently active and the student will be welcomed to start as soon as possible. The rotation will serve as an epidemiology or nutrition rotation. If interested, please contact Dr. Narayan (knaraya@emory.edu) or Yara Beyh (yara.beyh@emory.edu) for more information.

#### Pediatric study data collection and analysis rotation

I will have a rotation opportunity in the spring and possibly the fall as well (grant pending for fall). This will be a pediatric study at a Decatur afterschool program. So the times will be between 330-530p Monday-Thursday (exact times are not set yet). I am testing the FIFA 11 for Health program in school aged children. This program is a soccer-based intervention that teaches soccer and key health messages that are delivered through soccer drills on the field. There will be some physical function measurements and some surveys done pre and post this 11 week program. I am looking for a student to help deliver the program and help with data collection and analysis. They can contact me if interested. Jennifer Frediani jfredia@emory.edu

#### Systematic review and meta-analysis of outcomes associated with mandatory food fortification with folic acid.

Over 90 countries have legislated that fortification of at least one grain (wheat flour, maize flour, rice) be mandatory. The purpose of this project is to assess the existing evidence of the health impact of fortifying with folic acid in countries after the start of mandatory fortification. Any outcome (positive or negative) potentially attributable to folic acid (e.g. serum/plasma folate, neural tube defects, cancer incidence) will be reviewed. If there are several studies reporting the same outcome, then a meta-analysis will be completed for that outcome. The literature has been searched and 150+ articles have been tentatively identified with relevant information. The student will contribute to the next phase of the research: extracting key information from the studies, completing the meta-analysis for a subset of

outcomes, and synthesizing the results in a manuscript for publication in a scientific journal. Please contact Dr. Pachón for more information: helena.pachon@emory.edu

#### **GRANTS AND FELLOWSHIPS**

Postdoctoral Fellow Position in Reproductive and Perinatal Epidemiology

A Postdoctoral Fellow position in Reproductive and Perinatal Epidemiology is available in the Department of Biostatistics, Epidemiology, and Informatics (DBEI) at University of Pennsylvania Perelman School of Medicine. Opportunities currently available involve epidemiologic research which examines an array of exposures and methods in relation to reproductive and perinatal health outcomes as well as Inclusion, Diversity, and Equity in medicine. The candidate will embark on all activities of epidemiologic research with the goal of fostering a future as an independent leader in the field. Applicants with related experience are encouraged to apply even if they do not have prior experience in reproductive or perinatal epidemiology. The candidate must have a doctoral degree in Epidemiology, Biostatistics, Nutrition, Environmental Health Sciences, Medicine, Public Health, or related field. Excellent writing and analytic skills are needed for this position. The candidate should send a cover letter, research statement, CV, along with 3 letters of reference for review to Dr. Stefanie Hinkle (Stefanie, Hinkle@pennmedicine.upenn.edu). Multiple positions available with flexible start dates as soon as Fall 2022 as well as Summer 2023. The University of Pennsylvania is an EOE. We seek candidates who embrace and reflect diversity in the broadest sense. Historically marginalized and underrepresented populations are encouraged to apply

Postdoctoral Scholar Position at Penn State University

Postdoctoral Scholar Position at Penn State University
Penn State University's Center for Childhood Obesity Research (CCOR: http://hhd.psu.edu/ccor/) is seeking a Postdoctoral Research Scholar in Obesity and Health Promotion. The overall mission of the Center for Childhood Obesity Research is to conduct interdisciplinary, translational research that contributes to the evidence base needed to inform successful pediatric obesity prevention programs that can be disseminated to public health and clinical audiences. The Center for Childhood Obesity Research is currently recruiting a Postdoctoral Research scholar under the supervision of Jennifer Savage Williams, Ph.D. The successful candidate will join a dynamic team that includes 2 research faculty members, 4 graduate students, 2 postdoctoral scholars, 4 full-time research staff, 4 nutrition educators, an administrative assistant, several undergraduate research assistants, and many other faculty who are affiliated with the Center. We work closely with collaborators throughout Penn State including Nutritional Sciences (http://nutrition.hhd.psu.edu/), Biobehavioral Health (http://bbh.hhd.psu.edu/), Human Development and Family Studies (http://hhd.psu.edu/hdfs), Kinesiology (http://hhd.psu.edu/kines), the Social Sciences Research Institute (http://ssri.psu.edu/), and the Clinical and Translational Sciences Institute (http://ctsi.psu.edu/), as well as with colleagues at Penn State College of Medicine, and government and community organizations throughout Pennsylvania. This research scholar position offers extensive opportunities for training in manuscript writing, grant writing, leadership, and innovative technologies and methodologies. While the successful candidate will work primarily on collaborative projects, he/she will also have protected time and support to work on their own independent research projects. The candidate will receive mentorship to further develop their research and analytical skills and learn a variety of methodologies, including real-time ecologi methodologies, including real-time ecological momentary assessment of health behaviors using sensors, accelerometers, and smartphone technology. The candidate will also have opportunities to audit relevant courses offered at Penn State and attend professional development trainings and seminars offered by ČČOR and affiliated departments at Penn State. The Postdoctoral Scholar will be provided with some financial support to develop independent research projects, attend methodological trainings, and travel to disseminate scientific findings at national conferences. Postdoctoral research scholars will have priority consideration for Assistant Research Professor positions offered by the Center. The Center for Childhood Obesity Research has had numerous postdoctoral fellows successfully transition to faculty positions at Penn State and elsewhere.

Primary responsibilities of the candidate will depend on the candidate's skills, interests, and goals, as well as fit with the research priorities. Responsibilities may include, but are not limited to:

- Developing intervention curriculum and materials Developing study protocols
- Training staff to deliver interventions
- Developing and overseeing intervention fidelity monitoring systems
- Coordinating and assisting with data collection, management, and analysis
- Preparing manuscripts
- Developing grant proposals
- Assist in mentoring graduate and undergraduate students

The ideal candidate will have a strong background in statistical analysis and excellent writing skills. The position provides salary and benefits based on those for NIH postdoctoral fellowship. Qualified candidates will have a Ph.D. in nutrition, public health, human development and family studies, psychology, or a related field. We are especially interested in candidates with experience in intervention development and delivery and/or strong quantitative and analytical skills, and proficiency in SAS preferred. To be considered for the position please submit a cover letter, CV, and research statement, along with the names of 3 academic references. The position will remain open until filled. The initial position is guaranteed for one year; funding is available for yearly appointments contingent upon satisfactory performance.

More details in the link https://psu.wd1.myworkdayiobs.com/PSU\_Academic/iob/University-Park-Campus/Postdoctoral-Scholar\_REQ\_0000031767-1

The University of Edinburgh: Postdoctoral position
I am looking to recruit a full-time postdoc to be based here in Edinburgh and contribute to our BLOOM (co-Benefits of Largescale Organic farming On huMan health) study and other work at the nexus of agriculture-nutrition-health. The postdoc would work with me and a growing interdisciplinary team working in this space as well as the BLOOM study team. The start date is this fall – pretty flexible on this – and based in UK for 18 months with a Salary Range £35,333 - £42,155 per annum.

The primary task of the Postdoc will be to contribute to the analysis of data collected as part of the BLOOM study. The Postdoc will also be supported in developing ancillary studies that could relate to, for example, the impact of the organic farming programme on immune function or cancer risk. The exact topic will depend on the Postdoc's interests. There will be many opportunities for leading and co-authoring peer-reviewed publications, and developing independent research projects at the nexus of agriculture, nutrition, and health.

More details about the position are available here: https://elxw.fa.em3.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX 1001/job/5182

Contact: Prof Lindsay Jaacks

Personal Chair Global Health and Nutrition

UKRI Future Leaders Fellow and Chancellor's Fellow

The University of Edinburgh

Global Academy of Agriculture and Food Systems Alexander Robertson Building

Easter Bush Campus, Midlothian, EH25 9RG
Email: lindsay.jaacks@ed.ac.uk

Post-doctoral positions in Cancer Population Science at the Georgetown Lombardi Comprehensive Cancer Center
The Georgetown Lombardi Comprehensive Cancer Center (GLCCC) is seeking outstanding candidates for an NCI T32-funded, postdoctoral training program in Cancer Population Science (CPaS). We are currently recruiting for Fall 2023 as well as immediate openings.

The program focuses on preparing trainees for independent research careers with a focus on clinical and community translational research. Training faculty have a wide breadth of domain-specific expertise with funded research programs in behavioral science, health disparities, epidemiology/biomarkers, cancer and aging, tobacco control, health services/health policy, and cancer survivorship. The program offers 2-3 years of funding, competitive salary and benefits, as well as funds for travel and research support. The fellows will be mentored to develop their own program of funded research and have access to a robust training environment. Fellows participate in all phases of research, from study design through manuscript preparation, and participate in a formal didactic program. Highlights of the training environment of the CPaS Program include:

An established clinical consortium with access to the largest cancer population in the Mid-Atlantic

- A Minority Underserved NCORP site
- Two funded CISNET modeling groups
   The Jess and Mildred Fisher Center for Hereditary Cancer and Clinical Genomics Research
   Georgetown Lombardi Institute for Cancer and Aging
   The Georgetown-Howard Universities Center for Clinical and Translational Science

- > The McCourt School of Public Policy

The MedStar Health National Center for Human Factors in Healthcare Applicants should have a PhD, MD, ScD, or DrPH in psychology, public health, health services, or other related field. Open to U.S. citizens and permanent residents only. Previous experience with cancer is desirable but not required. Program details and application can be found at: https://lombardi.georgetown.edu/education/cpas-program/ Direct additional questions to expect to the program of the progra
JOB OPPORTUNITIES
The Saint Louis University College for Public Health and Social Justice: Non-tenure and Tenure tracks The Saint Louis University College for Public Health and Social Justice is seeking several new faculty members to join our public health and health management programs. We are looking for dynamic scholars who are eager to be part of a community. Currently, we are searching for faculty in the following positions:  It tenure track Assistant/Associate Professor positions in public health  Inon-tenure track Assistant/Associate Professor position in public health  It tenure track Assistant Professor position in health management and policy  Inon-tenure track Assistant position in health management and policy  Saint Louis University CPHSJ is a Council on Education for Public Health (CEPH) accredited school of public health in a Catholic, Jesuit university, and is committed to social justice, public health practice, collaboration, and innovation that leads to improved population health. The CPHSJ is nationally recognized for applied and community-based research. We are a mission-driven academic community where teaching, research, and service foster the growth of a more just and equitable society at home and around the world. We encourage applicants to applywhose teaching and research demonstrate a commitment to social justice approaches to equity for historically excluded communities.
Research coordinator – Savannah GA am looking for a stellar project manager (or Postdoc) with an MPH, PhD, or DrPh (can be recent graduate) living in the Savannah area with flexibility to work from the Armstrong Campus a ~1 year full-time position as the research coordinator of a weight management trial funded by the Hass Avocado Board and WeightWatchers. The objective of this 2x2 factorial randomized controlled trial is to compare 6-month changes in diet quality, % weight loss and other outcomes including physical activity of participants enrolled in a commercial weight-loss program (WW) vs. control in a diverse sample of adults living in the contiguous US. The risal will be focused on recruiting avocado consumers, and underrepresented people in weight management trials which include: 1) People of Latin American origin, 2) People of color, 3) Men to Duties:
<ol> <li>Overseeing the running of clinical trials under the supervision and mentorship of Dr. Ana Palacios (principal Investigator).</li> <li>Communicating with participants regarding study objectives following rigorous IRB and ethical standards</li> <li>Checking eligibility criteria of participants. Enrollment goal: n=376 participants (about 100 participants per month).</li> <li>Setting participants to successfully complete study: Setting up weights, respond to timely questions, call, text and schedule video conferences with participants as needed</li> <li>Collecting data and performing weekly data quality checks (is data complete, are there strange responses, and follow protocol).</li> <li>Be committed to complete study goals</li> <li>Managing study budget</li> <li>Scheduling data collection and managing students</li> <li>Administering questionnaires and monitoring participants to ensure they adhere to the study protocol</li> <li>Monitoring the study to ensure that it complies with protocols, is ethically-conducted and follows regulatory standards</li> <li>Maintaining careful and detailed research records of study activity, including case report forms and study adverse events</li> <li>Creating reports to the IRB, and maintain close communications with the principal Investigator (PI)</li> <li>Completing other assignments as required by the principal investigator</li> <li>Supervise students</li> </ol>
This will be a 12-month appointment. Payment of ~\$45,000 to 48,000 /year with fringe benefits lob start: ~01-01-2023 lob end ~12-31-2023 lob end ~

## TRAINING OPPORTUNITIES

## Transdisciplinary (TD) Training Opportunity in Energetics and Cancer

We are in our 7th year of building a diverse community of transdisciplinary (TD) and translational (TL) researchers including those interested in cancer disparities and invite you to apply to our mentored program: The **Transdisciplinary Research on Energetics and Cancer (TREC) Training Workshop**. The Workshop builds upon the NCI TREC Initiative and covers topics across the cancer control and T0-T4 continua. Funded by the U.S. National Cancer Institute and led by Yale University's Dr. Melinda Irwin with a Senior Advisory Board and expert international faculty, this program builds capacity in TD and TL energetics and cancer research and is designed for early career investigators (i.e., junior faculty and postdocs). This **5-day, in residence** Workshop places emphasis on developing and applying TD and TL competencies focused on **energetics (i.e., obesity, diet and exercise) and cancer**. Faculty span an array of professional disciplines, from basic scientists to clinicians to behavioral and population scientists. Formal didactic learning is integrated with one-on-one dialog and small group discussions to enable fellows to learn from each other, from faculty, and to develop a TD and TL network.

The 7th annual course will be held June 26-30, 2023 at Water's Edge Resort, Westbrook, CT, U.S.A. Costs will be covered. Notification of Intent to apply (simple, informal email to dlowry@fredhutch.org) is due no later than December 15, 2022. Full application is due no later than Sunday, January 15, 2023. For more detail and to apply, visit TRECTraining, vale, edu. Questions: contact Diana Lowry dlowry@fredhutch.org

Emory Center for Digital Scholarship (ECDS) & Laney Graduate School (LGS): Technology in Pedagogy, Curriculum, + Research Program Application TPC+R is a Teaching Assistant Training Opportunity Program (TATTO) extension program open to graduate students from all disciplines, designed to supplement other pedagogical training and professional development programming offered by academic departments, the graduate school, and ECDS. TPC+R presents an opportunity for graduate students to explore using new technologies in their teaching and research. Participants will be introduced to an array of digital tools, discuss practical and theoretical models for digital scholarship, and receive assistance in developing materials for their own courses and/or research. Through TPC+R, participants will create their own final project in which they will incorporate digital tools and present to the class. This could include: a professional website, an outline for a digital assignment, a data visualization and/or another use of technology discussed and approved with the instructor. The course will take place virtually on zoom, Tuesdays and Thursdays 2:30PM-4PM from February 7th- March 23rd.

Contact Kaelyn McAdams (komcada@emory.edu) with any questions. Applications are due by January 17th, 2023 here: https://docs.google.com/forms/d/e/1FAlpQLSeDInhYPFHsGga1GFrtpRFCWBeGcCCYgHgpAE0JVmels79q1Q/viewform

#### FIELD-RELATED CONFERENCES

The American Society for Nutrition (ASN)

When: July 22-25, 2023 Where: Boston, MA

Abstract submission deadline: March 1, 2023

More information here

#### LOCAL EVENTS HAPPENING THIS WINTER

Music and performing art: https://discoveratlanta.com/events/music/ Food and wine: https://discoveratlanta.com/events/food-wine/

Outdoor: https://discoveratlanta.com/events/outdoor/

#### **FACULTY SPOTLIGHT**



Dr. Viola Vaccarino **Professor, Department of Epidemiology** 

**Describe your academic path to your current position? How long have you been at Emory?** I received an MD degree from the University of Milano, Italy, and a few years after I came to the US in 1989 where I received a PhD in Epidemiology at Yale. I started my academic career at Yale as assistant professor and then I joined the Emory faculty in the School of Medicine, Division of Cardiology, in 2000.

What is your particular area of research and how did you become interested in it? My initial work focused on sex differences in the outcome and clinical management of myocardial infarction using population samples and large clinical databases. As my work progressed, I became increasingly interested in the link between psychosocial and behavioral factors and the risk of coronary heart disease, in the underlying pathophysiological mechanisms, and in the role of these factors in explaining sex- and race-based disparities in CHD risk and outcomes.

What did you enjoy the most about your graduate school experience? I loved the freedom of just focusing on learning, and the creativity associated with research: that is, formulating and addressing new questions to solve problems. I also loved being in a multicultural environment during my graduate training and meeting people from around the world. And I very much enjoyed working with my mentors and learning from them.

**Do you have any professional development advice for NHS students?** Stick with your passion. Graduate school can be hard and you may think that the journey ahead is insurmountable – but nothing is impossible if you do what you really love. Always do "the right thing" even if that choice may be, sometimes, less easy or less practical. And don't forget to carve regular time for yourself, engaging in other things you like to do outside graduate work.

**Describe any challenging and exciting parts of your current position?** The main challenge in my position is finding the right balance of time, as academic work essentially never ends. However, this is compensated by the constant learning of new things, and the excitement of discovery associated with research work. I also very much like working with young people and helping them succeed. I love seeing students, postdoctoral fellows and junior faculty grow and develop - there is a lot of satisfaction in this.

What do you like to do in your free time? I like to read, to cook, to travel and to walk or bike in nature trails.

**Describe any potential rotation opportunities?** For NHS students, in a number of existing and ongoing studies we have data on dietary assessments in conjunction with many other measures (behavioral assessments, stressful exposures, social determinants, blood biomarkers, metabolomic data, epigenetic data...) that could be analyzed to answer many novel questions.

#### **NHS ACTIVITIES**

COVID restrictions are easing up and we're slowly returning to in-person conferences. We had a great NHS representation at the just ended 2022 IUNS International Congress of Nutrition which happened in-person in Japan, Tokyo. Congratulations to all the NHS presenters!





# Have a wonderful and relaxing Winter break!



Join our Alumni and Student Group on LinkedIn!

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