





Christopher L. Cummings, PhD

CURRICULUM VITAE

 984-244-4790  christopherlcummings@gmail.com  linkedin/christopher-l-cummings  Durham, NC

Education

Ph.D., Communication, Rhetoric, & Digital Media 2013
North Carolina State University | Raleigh, NC USA

M.S., Communication 2008
North Carolina State University | Raleigh, NC USA

B.A., Communication Studies 2005
California State University-Chico | Chico, CA USA

Appointments

Senior Research Fellow 2020-Current
North Carolina State University | Raleigh, NC USA

Public Health Communication Specialist April 2020-Current
COVID-19 Task Force
United States Army Corp of Engineers | Vicksburg, VA USA

Assistant Professor of Strategic Communication 2014-2020
Wee Kim Wee School of Communication and Information
Nanyang Technological University | Singapore

Visiting Research Scientist May 2018- January 2019
North Carolina State University | Raleigh, NC USA

Postdoctoral Fellow 2013-2014
North Carolina State University | Raleigh, NC USA

Lecturer 2008-2009
Department of Communication
North Carolina State University | Raleigh, NC USA

Publications

Books –Edited Volumes

Trump, B., **Cummings, C.**, Kuzma, J., and Linkov, I. (2020). *Synthetic Biology 2020: Frontiers in Risk Analysis and Governance*. Springer: New York, NY. DOI: 10.1007/978-3-030-27264-7

Peer-reviewed Articles

Cummings, C., Kong, W.Y., and Orminsky, J. (2020). A Typology of Beliefs and Misperceptions about Influenza Vaccine Beliefs among Older Adults in Singapore. *PLoS*

- Kuzma, J., Greiger, K., Brown, Z., and **Cummings, C.** (May 4, 2020). Pandemics call for systems approaches to research and funding. *Issues in Science and Technology*.
- Trump, B., **Cummings, C.**, Wells, E., Klasa, K., Linkov, I., and Keisler, J. (accepted, in print). Real-time Strategic Response to COVID-19: A Novel Methodological Approach. *Environment Systems and Decisions*.
- Cummings, C.**, and Kong, W., (2019). “Influenza” versus “Flu”: Do different medical terms affect vaccination intention? *Journal of Health Communication*. DOI: 10.1080/10810730.2019.1630527
- Valdez, R., Kuzma, J., **Cummings, C.**, and Peterson, N. (2019). Anticipating risks, governance needs, and public perceptions of de-extinction. *Journal of Responsible Innovation*, 6(2), 211-231, DOI: 10.1080/23299460.2019.1591145.
- Cummings, C.**, and Rosenthal, S. (2018). Climate Change and Technology: Examining Opinion Formation of Geoengineering. *Environment Systems & Decisions* 38(2), 208-215.
- Linkov, I., Trump, B., Anklam, E., Berube, D., Boisseau, P., **Cummings, C.**, Ferson, S., Florin, M., Goldstein, B., Hristozov, D., Jensen, K., Katalagarianakis, G., Kuzma, J., Lambert, J., Malloy, T., Malsch, I., Marcomini, A., Merad, M., Palma-Oliveira, J., Perkins, E., Renn, O., Seager, T., Stone, V., Vallero, D., and Vermeire, T. (2018). Comparative, Collaborative, and Integrative Risk Governance for Emerging Technologies. *Environment Systems & Decisions*, 38(2), 170-176.
- Cummings, C.**, Chuah, A., and Ho, S. (2018). Protection Motivation and Communication through Nano-Food Labels: Improving Predictive Capabilities of Attitudes and Purchase Intentions toward Nano-Foods. *Science Technology and Human Values*, advance online publication DOI: 10.1177/0162243917753991.
- Chuah, A., Leong, D., Ho, S., and **Cummings, C.** (2018). Label It or Ban It? Public Perceptions of Nano-Food Labels and Propositions for Banning Nano-Food Applications. *Journal of Nanoparticle Research*. DOI: 10.1007/s1105101841265
- Trump, B., **Cummings, C.**, Kuzma, J., and Linkov, I. (2018). A decision analytic model to guide early-stage government regulatory action: Applications for synthetic biology. *Regulation & Governance* 12(1), 88-100.
- Cummings, C.**, Lin, H., and Trump, B. (2017). Public Perceptions of Climate Geoengineering: A Systematic Review of the Literature. *Climate Research* 73(3), 247-264.
- Cummings, C.**, and Kuzma, J. (2017). Societal Risk Evaluation Scheme (SRES): Scenario-Based Multi-Criteria Evaluation of Synthetic Biology Applications. *PLOS ONE*, DOI: 10.1371/journal.pone.0168564
- Yue, C., Zhao, S., **Cummings, C.**, and Kuzma, J. (2015). Investigating factors influencing Consumer willingness to buy GM food and nano-food. *Journal of Nanoparticle Research*, 17, 283.
- George, S., Ho, S., Wong, E., Tan, T., Verma, N., Aitken, R., Riedeker, M., **Cummings, C.**, Yu,

L., Wang, Z., Zink, D., Ng, Z., Loo, J., and Ng, K. (2015). The multi-facets of Sustainable nanotechnology—Lessons learned from a nanosafety symposium. *Nanotoxicology* 9(3), 404- 406.

Cummings, C., Berube, D., and Lavelle, M. (2013). Influences of individual-level characteristics on risk perceptions to various classes of environmental health and safety risks, *Journal of Risk Research* 16(10), 1277-1295.

Berube, D.M., **Cummings, C.**, Frith, J.H., Binder, A.R., Oldendick, R.W. (2011). Comparing nanoparticle risk perceptions to other known EHS risks. *Journal of Nanoparticle Research* 13(8), 3089-3099.

Berube, D.M., **Cummings, C.**, Cacciatore, M., Scheufele, D. & Kalin, J. (2010). Characteristics and classification of nanoparticles: Expert Delphi survey. *Nanotoxicology* 5 (2), 236-243.

Berube, D.M., Searson, E.M., Morton, T.S., & **Cummings, C.** (2010). Project on Emerging Nanotechnologies - Consumer Product Inventory Evaluated. *Nanotechnology Law & Business*, 7(2), 152-163.

Book Chapters

Cummings, C., & Kong, K.Y. (in press). Breaking down “Fake News”: Differences between Misinformation, Disinformation, Rumors, and Propaganda. In Linkov, I., Trump, B.D., Roslycky, L. (in press). *Risk and Resilience for Hybrid Threats*. NATO Science for Peace and Security Programme. IOS.

Trump, B., **Cummings, C.**, Galaitsi, G., Kuzma, J., and Linkov, I. (2020). Synthetic Biology: Perspectives on Risk Analysis, Governance, Communication, and ELSI, in Trump, B., **Cummings, C.**, Kuzma, J., and Linkov, I. (eds.). *Synthetic Biology 2020: Frontiers in Risk Analysis and Governance*, Springer Nature: Switzerland.

Trump, B., Siharulidze, G., and **Cummings, C.** (2020). Synthetic Biology and Risk Regulation—The Case of Singapore, in Trump, B., **Cummings, C.**, Kuzma, J., and Linkov, I. (eds.). *Synthetic Biology 2020: Frontiers in Risk Analysis and Governance*, Springer Nature: Switzerland.

Ndoh, T., **Cummings, C.**, and Kuzma, J. (2020). Exploring ‘Expert Cultures’ for Assessing Synthetic Biology, in Trump, B., **Cummings, C.**, Kuzma, J., and Linkov, I. (eds.). *Synthetic Biology 2020: Frontiers in Risk Analysis and Governance*, Springer Nature: Switzerland.

Cummings, C. (2017). Comprehension of products and messages, 153-173. In G. Emilien, R. Weitkunat, and F. Luedicke. *Consumer Perceptions of Product Risks and Benefits*. Springer: USA.

Berube, D., and **Cummings, C.** (2015). Convergence in ethical implications and communication of emerging technologies, in Bainbridge, W., and Roco, M.C. (Eds.). *Handbook of Science and Technology Convergence*, Springer: USA.

Cummings, C., Frith, J., and Berube, D. (2013). Unexpected Appropriations of Technology and Life Cycle Analysis: Reframing Cradle-to-Grave Approaches, 251-271, In Savage, N., Gorman, M., and Street, A. *Emerging Technologies - Socio-Behavioral Life Cycle Approaches*, Pan Stafford: United States Environmental

Protection Agency, USA.

Book Reviews

Frith, J., Morain, M., **Cummings, C.**, & Berube, D. (2011). Reviews of the books: *The Shallows: What the Internet is Doing to Our Brains* by Nicholas Carr and *You Are Not a Gadget: A Manifesto* by Jaron Lanier. *Journal of Communication*, 61 (1), E9-E12.

Morain, M., Frith, J., **Cummings, C.**, & Berube, D. (2011). Review Essay: Understanding Digital Media and Society: Youtube: Online Video and Participatory Culture by Burgess, J, Green, J, and Jenkins, H. (2009), *The Search Engine Society* by Halavais, A. (2008), and *The Information Society: Cyber Dreams and Digital Nightmares* by Hassan, R. *Journal of Communication*, 61 (3), E12-E14.

Encyclopedia Entries

Cummings, C. (2017). Measurement Levels, 940-943. In M. Allen (eds.), *The SAGE Encyclopedia of Communication Research Methods*. SAGE: Thousand Oaks, CA.

Cummings, C. (2017). Science Communication, 1572-1574. In M. Allen (eds.), *The SAGE Encyclopedia of Communication Research Methods*. SAGE: Thousand Oaks, CA.

Cummings, C. (2017). Cross-Sectional Design, 314-317. In M. Allen (eds.), *The SAGE Encyclopedia of Communication Research Methods*. SAGE: Thousand Oaks, CA.

White Papers

Robert, J, Stauffer, S., **Cummings, C.**, & Kuzma, J. (2015). *Synthetic Biology Governance: Delphi Study Workshop Report*. Genetic Engineering and Society Center Report 2015.2. North Carolina State University, USA.

Berube, D., Faber, B., Scheufele, D., **Cummings, C.**, Gardner, G., Martin, K., Martin, M., & Temple, N. (2010). *Communicating risk in the 21st century: The case of Nanotechnology*, National Nanotechnology Coordination Office, United States Government, Arlington, VA.

Berube, D., **Cummings, C.**, & Frith, J. (2009). Social media primer 1.0. *Prepared for the International Food Information Council*.

Dissertation

Cummings, C. (2013). *Impacts of Communicating Secondary Risks on Risk Reduction Responses: The Case of Nanoparticle-Formulated Sunscreen*. North Carolina State University, USA.

Publications under Review

Cummings, C., Rosenthal, S., and Kong, W.Y. (under review). Secondary risk theory: Validation of a novel model of protection motivation. *Risk Analysis*.

Cummings, C. and Kong, W.Y. (under review). The science and technology belief scale: Structural development and validation. *Science Communication*.

Kong, W.Y. and **Cummings, C.** (under review). The health information seeking scale: Structural development and validation of general and personal health information seeking behaviors. *Journal of Communication in Healthcare: Strategies, Media and Engagement in Global Health*.

Grant Research

Cummings, C. (PI). ‘SynBio & Singapore’: convergent research cases to prioritize public engagement and promote policy-making. Funding support provided by the National Research Foundation, Singapore \$59,460 (2018-2021).

Cummings, C. (PI). Improving Influenza Vaccination among Older Adults in Singapore. Financial support provided by the Aging Research Institute for Society and Education \$50,000 (2017- current).

Cummings, C. (PI). Psychophysiological response and self-reports to fear appeals: Investigating influences of response-efficacy and uncertainty on protection motivation (2014-2015). Financial support provided by Nanyang Technological University (\$5,000).

Cummings, C. (PI). Advancing Anticipatory Governance and Protection Motivation Theory: Identifying Cross-Cultural Communication Challenges regarding Synthetic Biology. Financial support provided by Nanyang Technological University \$35,000 (2014-2016).

Cummings, C. (Co-PI: 50%). Looking Forward to Synthetic Biology Governance: Convergent Research Cases to Promote Policy-Making and Dialogue. Financial support provided by Alfred P. Sloan Foundation \$173,703 (2013-2014).

Grants under Review

Ling, R., **Cummings, C.**, and Stevens, H. (Co-PI: 33%). “AI & SG”: Planning for Societal Impacts of Artificial Intelligence in Singapore. Funding proposed by National Research Foundation, Singapore \$851,490 (2020-2023).

Conference Presentations

Cummings, C. (November 14, 2019). “*Critical Review: Examining communication intervention strategies designed to strengthen female participation in STEM fields.*” National Communication Association, Baltimore, Maryland, USA.

Cummings, C., Kong, W.Y., and Orminsky, J. (May 24, 2019). “*It’s only for travelers*” – *A Typology of Influenza Vaccine Beliefs among Older Adults in Singapore.* International Communication Association, Washington, D.C., USA.

Cummings, C., Kong, W.Y., and Rosenthal, S. (May 6, 2019). *Secondary Risk Theory: empirical foundations for a new theory of risk perceptions.* Society for Risk Analysis World Congress Meeting, Cape Town, South Africa.

Cummings, C. (May 6, 2019). *Frontiers of Risk Communication: Grand challenges for communication of emerging bioscience issues.* Society for Risk Analysis World Congress Meeting, Cape Town, South Africa.

- Cummings, C.** and Eng, N. (December 5, 2018). *What Prompts People to Believe that Vaccines Cause Disease? A Cross-cultural Comparison of How People Misperceive Vaccinations*. Society for Risk Analysis, New Orleans, Louisiana, USA.
- Cummings, C.** (December 3, 2018). *Synthetic Biology: Evolution or Revolution? Outlining the Next Generation of Risk Governance and Risk Communication Challenges*. Society for Risk Analysis, New Orleans, Louisiana, USA.
- Kong, S., and **Cummings, C.** (August 1, 2018). *A Cross-Cultural Comparison of Positive and Negative Vaccine Attitude Predictors in Singapore and the United States*. The Association for Education in Journalism and Mass Communication Annual Meeting, Washington D.C., USA.
- Kong, S., and **Cummings, C.** (April 17, 2018). *Development of the General Health Information Seeking Scale*. Social and Behavioural Change Communication Annual Meeting, Nusa Dua, Indonesia.
- Cummings, C.** (December 11, 2017). *Information Asymmetry: The heuristic function of nano-food labels*. Society for Risk Analysis, Arlington, Virginia, USA.
- Cummings, C.** (December 10, 2017). *Secondary risks of vaccines*. Society for Risk Analysis, Arlington, Virginia, USA.
- Cummings, C.**, Chuah, S., and Ho, S. (May 28, 2017). *Protection Motivation and Communication Through Nano-Food Labels: Improving Predictive Capabilities of Attitudes and Purchase Intentions toward Nano-Foods*. International Communication Association, San Diego, California, USA.
- Cummings, C.**, and Rosenthal, S. (May 28, 2017). *Climate Change and Technology: Examining Opinion Formation and Risk Perceptions of Geoengineering*. International Communication Association, San Diego, California, USA.
- Cummings, C.**, Lim H., Tan, L., Tan, S., and Heng, S. (March 2, 2017). *Effects of Secondary Vaccine Risks on Appraisals of Dengue Fever*. Society for Risk Analysis Policy Forum: Risk Governance for Key Enabling Technologies. Venice, Italy.
- Cummings, C.**, and Rosenthal, S. (September 16, 2016). *Geoengineering: Survey path analysis examining opinion formation, acceptance, and support for funding*. *World Association for Public Opinion Research*. National Research University Higher School of Economics, Moscow, Russia.
- Cummings, C.**, and Lin, S. (June 11, 2016). *Review: Public perceptions of climate geoengineering*. International Communication Association, Fukuoka, Japan.
- Cummings, C.** (July 22, 2015) *Multidimensional Risk Profiling: A Scenario-based Evaluation of Synthetic Biology Applications from a Multidisciplinary Expert Delphi Study*. Society for Risk Analysis World Congress Meeting, Singapore.
- Cummings, C.** (May 23, 2015). *Climate Change and Technology: Examining Opinion Formation and Risk Perceptions of Geoengineering*. International Communication Association (ICA) Annual Meeting, San Juan, Puerto Rico.
- Ndoh, T., Kuzma, J., **Cummings, C.**, Stauffer, S., and King, S. (August 10-15, 2014). *Regulatory Case-Study Analysis of a Synthetic Biology Application: Nitrogen*

Fixation in Rice Crops through Symbiosis with Mesorhizobium loti. Gordon
Research Conference on Science and Technology Policy, Waterville Valley, New
Hampshire, USA.

- Cummings, C.** (December 10, 2012). *Technology, human behavior, and risk: Public threat and efficacy appraisal of nano-formulated sunscreens in the United States*. Society for Risk Analysis (SRA) Annual Meeting, San Francisco, California, USA.
- Cummings, C.** (July 20, 2012). *Emerging Technological Risks: Expert and Public Risk Perceptions of Nanotechnology-enabled Products*. Society for Risk Analysis (SRA) World Congress on Risk, Sydney, Australia.
- Cummings, C.** (December 6, 2011) *Strategic frame alignment & the communication of Risk*. Society for Risk Analysis (SRA) Annual Meeting, Charleston South Carolina, USA.
- Cummings, C.** (November 4, 2011). *Unprimed Associative Data on Public Understanding Of Nanotechnology*. Society for Social Studies of Science (4S) Annual Meeting, Cleveland, Ohio, USA.
- Cummings, C.** (August 11, 2011). *Impacts of Generalized Interpersonal and Institutional Trust on Environmental Health and Safety Risk Information-Seeking*. Association for Education in Journalism and Mass Communication (AEJMC), St. Louis, Missouri, USA.
- Cummings, C.** (December 8, 2010). *Adapting the social amplification of risk framework for the 21st century*. Society for Risk Analysis (SRA) Annual Meeting, Salt Lake City, Utah, USA.
- Cummings, C.** (November 14, 2010). *Visualizing the Nano-Scale: The Rhetoric of Digital Microscopy*. National Communication Association (NCA) Annual Convention, San Francisco, California, USA.
- Cummings, C.** (August 25, 2010). *French Protests over Nanotechnology: Public Engagement and Lessons Learned*. Society for Social Studies of Science (4S), University of Tokyo, Japan.
- Cummings, C.** (December 9, 2009). *Nano risk perceptions—Delphi & Dillman*. Society for Risk Analysis (SRA) Annual Meeting, Baltimore, Maryland, USA.
- Cummings, C.** (November 15, 2009). *Scary science: Risk communication and Deliberation*. National Communication Association (NCA)/ Association for the Rhetoric of Science and Technology (ARST) Annual Meeting, Chicago, Illinois, USA.
- Cummings, C.** (December 10, 2008). *Nano: Risk and deliberation*. Society for Risk Analysis (SRA) Annual Meeting, Boston, Massachusetts, USA.

Invited Talks

- Cummings, C.** (March, 10, 2020). *Risk Analysis Perspectives on COVID-19*. Society for Risk Analysis Webinar Series. Available at:
<https://www.youtube.com/watch?v=fXdb8RUz2Vs&feature=youtu.be>

- Cummings, C.** (February, 26, 2020). *What has COVID-19 taught us about risk communication?* MONEYFM 89.3 radio, Singapore. Available at: <https://www.moneyfm893.sg/guest/dr-christopher-l-cummings-decision-analytica/>
- Cummings, C.** (January, 28, 2020). *Careers in Risk*. Genetic Engineering & Society Center, North Carolina State University, Raleigh, North Carolina, USA.
- Cummings, C.** (October 2, 2018). *Cross-National Study: Vaccine Attitudes and Misperceptions*. Genetic Engineering & Society Center, North Carolina State University, Raleigh, North Carolina, USA.
- Cummings, C.** (October 2, 2016). *TEDx: The dark magic of communication*. Nanyang Auditorium, Singapore, <https://www.youtube.com/watch?v=cfNjmmabimU&t=41s>
- Cummings, C.** (Sept. 15, 2015). *Public Perceptions of Air Quality, Air Pollution, and Trans-Boundary Haze in Singapore and Abroad*. Center for Sustainable Nanotechnology Symposium: Singapore Perspective on Urban Air Quality and Public Health. Nanyang Polytechnic University, Singapore.
- King, S., **Cummings, C.**, and J. Kuzma (May 26-28, 2015). *When Public Engagement meets Expert Opinion: A policy Delphi on Synthetic Biology*. Governance of Emerging Technologies Conference. Raleigh, North Carolina, USA.
- Cummings, C.** (November 17, 2014). *Public Perceptions of Food Products: Comparing Nanotechnology Food Applications to Other Technologies*. International Symposium for Nanosafety: Social, Environmental and Health Impacts. Nanyang Technological University, Singapore.
- King, S., **Cummings, C.**, Ndoh, C., Stauffer, S., and J. Kuzma (November 4-6, 2014). *Synthetic Biology Policy Delphi: When Expert Opinion Meets Public Engagement*. NSF-funded Workshop on the Research Agendas of the Societal Implications of Synthetic Biology. Tempe, Arizona, USA.
- Cummings, C.** (October 18, 2014). *Science and the Public: Hype, Risk, and Public Engagement*. NTU TEDx: World of Wisdom conference “What’s Wrong with Science?” Nanyang Technological University, Singapore.
- Cummings, C.**, King, S., Ndoh, T., Stauffer, S., and Kuzma, J. (May 28, 2014). *Synthetic Biology and Risk Governance*. Conference on 2nd Annual Governance of Emerging Technologies: Policy, Law and Ethics. Tempe, Arizona, USA.
- Cummings, C.** (April 15, 2011). *Mediated Environmental Health and Safety Risk Information Seeking Behavior: Descriptive Data from a National Survey*. Research Symposium: Environments, Risks, and Digital Media: Communicating, Governing, and Managing Risks in a Mediated World, Raleigh, North Carolina, USA.

Editorial Boards & Review

Board Member

Environment Systems & Decisions (2015-Present)

Review

Asian Journal of Communication

Association for Education in Journalism and Mass Communication

British Food Journal

Communication and the Public
Environmental Communication
Health Communication
Health Policy
International Journal of Environmental Research and Public Health
Israel Science Foundation
Journal of Computer-Mediated Communication
Journal of Health Communication
Journal of Nanoparticle Research
Journal of Risk Research
PLOS One
Risk Analysis
Science Communication

Professional Consulting

Colombo Municipal Council; Sri Lankan Government
Department of Industry, Innovation, and Science; Australian Government
International Food Information Council
International Risk Governance Council
Kraft Foods Global Incorporated
National Nanotechnology Coordinating Office, United States Government
NATO: Science for Peace and Security Programme
Pfizer Corporation, Singapore
Te Taiwhenua o Heretaunga, Māori Health Collective, New Zealand
United States Army Corp of Engineers; United States Government

Teaching & Advising Courses

Nanyang Technological University, Singapore

2019 A6330, Public Opinion & Persuasion
2019 CS4131, Risk Communication
2019 CS4075, Evaluating & Producing Campaign Results
2019 CS4131, Risk Communication
2019 CS4004, FYP Advisor, Communication Campaigns
2018 CS4095, International Strategic Communication Management (United States: Science Communication)
2018 CS4131, Risk Communication
2018 CS4004, FYP Advisor, Communication Campaigns
2017 CS4060, Persuasion & Social Influence
2017 CS4075, Evaluating & Producing Campaign Results
2016 CS4131, Risk Communication
2016 CS4075, Evaluating & Producing Campaign Results
2016 CS4095, International Strategic Communication Management (New Zealand: Maori Health)
2016 CS4075, Evaluating & Producing Campaign Results
2015 CS4131, Risk Communication
2015 CS4075, Evaluating & Producing Campaign Results
2015 CS4095, International Strategic Communication Management (Sri Lanka: Dengue Fever)
2015 A6917, Presentation for the Workplace: Theory and Practice

2014 CS4075, Evaluating & Producing Campaign Results
2014 CS2008, Fundamentals of Research
2014 A6917, Presentation for the Workplace: Theory and Practice
2013 CS4075, Evaluating & Producing Campaign Results
2013 CS2008/COM208, Fundamentals of Research

North Carolina State University

2013 COM386, Quantitative Communication Research Methods
2013 COM386, Quantitative Communication Research Methods
2008 COM110, Public Speaking
2008 COM110, Public Speaking
2007 COM110, Public Speaking

Advising

Ph.D. Committees

Goh Tong Jee, [Title TBA] (Ph.D. Communication, NTU, expected 2022)

Xu Yihan, Extending the General Evaluability Theory to Risk Communication
(Ph.D. Communication, NTU, expected 2019)

Tan Delfinn Sweimay, The History of Ornamental Agriculture in Singapore
(1965-Present): Using Koi Aquaculture as an example (Ph.D. Interdisciplinary
Graduate School, NTU, 2018)

Master's Committees

Shirley Kong, Effects of Message Framing on Vaccine Acceptance
(M.A. Communication, NTU, 2019)—Accepted for PhD at the Gillings School
of Public Health, University of North Carolina, Chapel Hill.

Leung Yan Wah, Generalizing and Expanding the Comprehensive Action
Determination Model: The Case of Recycling at Home and at Work
(M.A. Communication, NTU, 2018)

Undergraduate Final Year Project Committees

Protection Motivation and the Dengue Fever Vaccine (2015-2016) with Dr.
Benjamin Detenber:
Ms. Lorraine Tan Si Jin
Ms. Samantha Tan Li Ling
Ms. Heng Sihui
Ms. Lim Hui Ying, Maybellina

Service & Membership

Nanyang Technological University Committees

Master of Mass Communication (MMC) admissions committee (2014-Present)
Research Committee (2015-Present)

External Organizations

EpiHack Sri Lanka—Designing new media applications for Dengue Fever surveillance, prevention, and treatment (2017)
International Communication Association (2015-current)
World Association for Public Opinion Research (2016-current)
Society for Risk Analysis World Congress, Planning Committee (July 19-23, 2015: Singapore)
Society for Risk Analysis, Communication committee (2009-2011)
Public Communication of Science and Technology (PCOST) member (2006- current)

Awards

2019: **Distinguished Alumni Award**; Communication, Rhetoric, and Digital Media PhD Program, North Carolina State University

2017: **Nanyang Education Award**; Nanyang Technological University, Singapore

2017: **International Travel Award**; Society for Risk Analysis

2015: **Young Scholar Award**; Society for Risk Analysis

2013: **Young Scholar Award**; Society for Risk Analysis

2008: **Outstanding Young Scholar Award**; Communication, Rhetoric, and Digital Media, PhD Program; North Carolina State University