Utah Valley University
800 W University Parkway
Orem, UT 84058
☎ *+1 (801) 863 5410*
✉ *Dustin.Shipp@uvu.edu*

Dustin Shipp

EDUCATION AND TRAINING

2014 **PhD in Optics**, *University of Rochester*, Rochester, NY
Dissertation: Holographic angular-domain elastic scattering of single biological cells

2008 **BS in Physics, BS in Mathematics**, *Brigham Young University*, Provo, UT
Thesis: Numerical model of non-collinear parametric down-conversion

PROFESSIONAL POSITIONS

2024–present **Associate Professor**, *Utah Valley University*, Orem, UT

2018–2024 **Assistant Professor**, *Utah Valley University*, Orem, UT

2015–2018 **Research Fellow**, *University of Nottingham*, Nottingham, UK

2014–2015 **Lecturer**, *Rochester Institute of Technology*, Rochester, NY

AWARDS

2023 **Equity, Diversity, and Inclusion (EID) Committee Champion**,
Champions of Inclusion, Equity, Inclusion, and Diversity, Utah Valley University

2022 **First Place Best Design**,
Flexible Teaching Awards, Office of Teaching and Learning, Utah Valley University

2022 **Second Place Best Delivery**,
Flexible Teaching Awards, Office of Teaching and Learning, Utah Valley University

2022 **Foundations of Inclusion Certificate**,
Equity, Inclusion, and Diversity, Utah Valley University

2019 **Fellow of the Higher Education Academy**, *Advance HE*

2014 **Advanced Teaching Certificate**,
Center for Excellence in Teaching and Learning, University of Rochester

TEACHING EXPERIENCE

2018–present **Assistant and Associate Professor**, *Department of Physics*, Utah Valley University

- Courses taught:
  - College Physics I and II
  - Physics for Scientists and Eng. I and II
  - Survey of Physical Science
  - Introduction to Experimental Physics I
  - Biophysics
- Student Research Mentor (more details in Research Experience)
- Teaching Development Courses
  - Mentoring Academy
  - Online Teaching Academy
  - Writing Enriched Workshop Series
  - Global-Intercultural Training
  - Inclusive STEM Teaching Project
  - Foundations of Inclusion
  - Assessment and Inclusive Design
  - Project-based Learning
  - Community of Practice: Research Skills Development and Information Literacy
  - Learning Circles through Office of Teaching and Learning

2014–2015 **Course Instructor**, *School of Physics and Astronomy*, Rochester Institute of Technology

- University Physics II
- Honors Contract Course: Mentored student in building and evaluating an optical cloak
- Biomedical Optics: Short course for students and faculty between semesters

2014 **Course Designer**, *Hajim School of Engineering and Applied Sciences*, University of Rochester

- Short course for freshman physics majors to review their mathematical skills

2013 **Program Leader**, *Hajim Engineering Pre-college Program*, University of Rochester

- One-week optics course for high school students with guest lectures and hands-on labs

2009–2013 **Graduate Teaching Assistant**, *The Institute of Optics*, University of Rochester

- Capstone laboratory course for master's students and undergraduates
- Shortened labs with participants from industry as part of the Optics Summer School

RESEARCH EXPERIENCE

2018–present **Principal Investigator**, *Center for Imaging and Biophotonics Experiments Advancing Medicine (CIBEAM)*, Utah Valley University

- Led group of undergraduate student researchers
- Built device for microscopy and Raman hyperspectral imaging
- Mentored student designing and building functional near-infrared spectroscopy (fNIRS) device
- Integrated biotech instrumentation into physics laboratory
- Investigated mammalian cells, bacteria, artificial tissue phantoms, Monte Carlo simulations, environmental microplastics, graphene

2015–2018 **Research Fellow**, *Biophotonics Group*, University of Nottingham

- Identified tumors in breast, lymph nodes, and skin with greater than 90% accuracy using Raman spectroscopy
- Automated image-guidance to complete measurements for a surgical specimen surface in less than 20 minutes while maintaining high accuracy
- Developed measurement protocols with clinicians to integrate devices into hospital procedures
- Participated in design and commercialization of two devices for tumor margin evaluation
- Managed a multi-center study implementing clinical prototype devices into hospitals
- Assisted in securing funding from government and non-government sources

2014–2015 **Physics Education Researcher**, *Science and Mathematics Education Research Collaborative (SMERC)*, Rochester Institute of Technology

- Investigated student motivation in introductory physics courses
- Found statistically significant correlation linking fear-oriented motivation with lower grades

2008–2014 **Graduate Research Assistant**, *Biomedical Spectroscopy Lab*, University of Rochester

- Built and automated an amplitude- and phase-sensitive angular light scattering system
- Measured organelle sizes in single cells with 60 nm accuracy
- Computationally reduced spatial coherence and speckle in holographic scattering data
- Collaborated with medical researchers to design experiments measuring time-resolved structural and molecular changes during T cell activation, platelet degranulation, and apoptotis
- Mentored multiple graduate and undergraduate students

2006–2008 **Undergraduate Research Assistant**, *Quantum Optics Lab*, Brigham Young University

- Developed and experimentally confirmed a numerical model for the propagation of down-converted photons

LEADERSHIP AND SERVICE

2024-2025 **Site Coordinator**, *Western Alliance to Expand Student Opportunities (WAESO)*

2022-2024 **Undergraduate Review Committee**, *Western Alliance to Expand Student Opportunities (WAESO)*

2022-2025 **Excellence in Academic Advising**, *National Academic Advising Association (NACADA)*, Utah Valley University

2020–2024 **Department Representative**, *College of Science Engagement Committee*, Utah Valley University

2020–2023 **College Representative**, *Writing Enriched Committee*, Utah Valley University

2019–2024 **Section Leadership**, *Idaho-Utah Section*, American Association of Physics Teachers

- 2019 - President Elect
- 2023 - Vice President
- 2024 - President

2019–2025 **Faculty Senate**, *Department of Physics Representative*, Utah Valley University

2019–2022 **Advisory Board**, *Scholarly and Creative Undergraduate Learning Partnership Team (SCULPT)*, Utah Valley University

2018–present **Other Committee Service**, *College of Science/Department of Physics*, Utah Valley University

- Faculty Search Committee
- Physics Scholarship evaluation (*Committee Chair, 2022-2024*)
- College of Science Flexible Teaching Awards review

2014–2015 **Committee Member**, *Rochester International Year of Light Committee*, Rochester, NY

2011–2012 **Senior Graduate Student Representative**, *The Institute of Optics*, University of Rochester

2010–2014 **Student Chapter Leadership**, *SPIE*, University of Rochester

- Served terms as President, Vice-President, Secretary, and Treasurer

2012–present **Peer Reviewer**

- Analytical Chemistry
- J. Biophotonics
- Analyst
- Biomed. Optics Express
- Optics Express
- Selected Topics in Quantum Electronics
- Scientific Reports
- J. Biomedical Optics
- Medical Physics
- Applied Optics
- Measurement Sci. & Tech.
- Biomedical Physics & Engineering Express
- J. Modern Optics
- OSA Continuum
- J. OSA B
- Photonics
- International J. of Molecular Sciences
- Polymers
- Sensors
- Applied Sciences
- Optics Letters

2018–present **Member**, *American Association of Physics Teachers (AAPT)*

2009–present **Member**, *SPIE*

2009–present **Member**, *Optica (Formerly OSA)*

FUNDING RECEIVED

External funding

2022 **Western Alliance to Expand Student Opportunities**, *Improving burn classification using Raman spectroscopy*, One student supported, **$1,500**

2022 **Western Alliance to Expand Student Opportunities**, *Burn classification through Raman spectroscopy*, One student supported (plus materials), **$1,927**

2018 **Nottingham University Hospitals Charity**, *Intra-operative spectroscopic sentinel lymph node evaluation in breast cancer*, Research grant, **£10,000 (≈ $14,000)**

2017 **Breast Cancer Now**, *Intraoperative spectroscopic evaluation of the sentinel lymph nodes in breast cancer*, Project grant, **£196,271 (≈ $260,000)**

2016 †**University of Nottingham**, *Raman spectral histopathology of breast cancer recession margins*, Research staff travel prize, **£600 (≈ $894)**

Student Funding through Utah Valley University

2019–2023 ***Undergraduate Research Scholarly and Creative Activities (URSCA)**, Fourteen students supported, **$32,380 total**

2022 **Grants for Engaged Learning (GEL) Carrot**, One student supported (plus equipment), **$29,740**

2019-2022 ***†College of Science Scholarly Activities Committee (SAC)**, Seventeen students supported (including funding for in-class research projects), **$3,115 total**

2019–2021 ***D. Clark and Pam Turner Endowment for Engaged Learning in STEM Research Fellowships (TEELS)**, Three students supported, **$12,000 total**

2020–2021 ***†Undergraduate Research Scholarly and Creative Activities (URSCA) Dissemination Grant**, Three students supported, **$2,710 total**

2019 ***Board of Trustees Engaged Learning Scholarship (BoTS)**, One student supported, **$6,000**

2019 **Undergraduate Research Summer Institute Grant (URSIG)**, Five students supported, **$14,339**

* = written by undergraduate UVU student(s), † = includes dissemination/travel grant

PUBLICATIONS

D. W. Shipp, "Raman Microscopy," in J. Xia, R. Choe, *Biomedical Optical Imaging: From Nanoscopy to Tomography*, AIP Publishing, Melville, NY (2021).

R. Boitor, C. de Wolf, F. Weesie, **D. W. Shipp**, S. Varma, D. Veitch, A. Wernham, A. Koloydenko, G. Puppels, T. Nijsten, H. C. Williams, P. Caspers, I. Notingher, "Clinical integration of Fast Raman spectroscopy for Mohs micrographic surgery of basal cell carcinoma," *Biomedical Optics Express* **12**(4):2015-2026 (2021).

M. G. Lizio, Z. Liao, **D. W. Shipp**, R. Boitor, R. Mihai, J. S. Sharp, M. Russell, H. Khout, E. A.Rakha, I. Notingher, "Combined total internal reflection AF spectral-imaging and Raman spectroscopy for fast assessment of surgical margins during breast cancer surgery," *Biomedical Optics Express* **12**(2):940-954 (2021).

*B. Durrant, *M. Trappett, **D. W. Shipp**, I. Notingher, "Live-cell molecular imaging with Raman microscopy," *Current Opinion in Chemical Biology* **51**:138-145 (2019).

C. Corden, **D. W. Shipp**, P. Matousek, I. Notingher, "Fast Raman spectral mapping of highly fluorescing samples by time-gated spectral multiplexed detection," *Optics Letters* **43**(23): 5733-5736 (2018).

D. W. Shipp, E. A. Rakha, A. A. Koloydenko, R. D. Macmillan, I. O. Ellis, I. Notingher, "Intra-operative spectroscopic assessment of surgical margins during breast conserving surgery," *Breast Cancer Research* **20**(69) (2018).

R. Boitor, K. Kong, **D. W. Shipp**, S. Varma, A. A. Koloydenko, K. Kulkarni, S. Elsheikh, T. Bakker-Schut, P. Caspers, G. Puppels, M. van der Wolf, E. Sokolova, T.E.C. Nijsten, B. Salence, H. Williams, I. Notingher, "Automated multimodal spectral histopathology for quantitative diagnosis of residual tumour during basal cell carcinoma surgery," *Biomedical Optics Express* **8**(12): 5749-5766 (2017).

†F. Sinjab, G. Sicilia, **D. W. Shipp**, M. Marlow, and I. Notingher, "Label-free Raman hyperspectral imaging of single cells cultured on polymer substrates," *Applied Spectroscopy* **71**(12): 2595-2607 (2017).

D. W. Shipp, F. Sinjab, and I. Notingher, "Raman spectroscopy: Techniques and applications in the life sciences," *Advances in Optics and Photonics* **9**(2): 315-428 (2017).

D. W. Shipp, R. Qian, and A. J. Berger, "Angular-domain scattering interferometry," *Optics Letters* **38**(22): 4750-4753 (2013).

* = Undergraduate UVU Student, † = Editor's Choice

PATENTS

I. Notingher, C. Corden, **D. W. Shipp**, "Raman spectroscopy method and apparatus," International Patent No. WO2020/058702 A1 (September 17, 2019).

STUDENT THESIS SUPERVISED

B. Durrant, "Raman spectroscopic analysis of bacteria," Honors Thesis, Utah Valley University (Defended May 4, 2021).

PRESENTATIONS

Invited Presentation - **D. W. Shipp**, *E. Ballantyne, *K. Narvaez, *A. Cruz, *S. Smith, S. Rocks, "Identification of environmental microplastics using Raman spectroscopy," *The Great Scientific Exchange (SciX)*, Raleigh, North Carolina, (October 24, 2024).

Oral Presentation - M. G. Lizio, Z. Yiao, **D. W. Shipp**, R. Boitor, R. Mihai, J. S. Sharp, M. Russell, H. Khout, E. A. Rakha, I. Notingher, "Employing total internal reflection AF spectral imaging and Raman spectroscopy for margin assessment: An innovative technological approach," *Association of Breast Surgery Conference*, Bournemouth, United Kingdom, (May 13-14, 2024).

Oral Presentation - *E. Ballantyne, **D. W. Shipp**, "Impact of student created homework problems in physics classrooms," *Idaho-Utah Section, American Association of Physics Teachers (AAPT)*, Orem, Utah (April 13, 2024).

Poster Presentation - *E. Ballantyne, **D. W. Shipp**, "Student-designed homework in introductory physics," *UVU Symposium on Teaching and Learning*, Orem, Utah (March 28, 2024).

Poster Presentation - **D. W. Shipp**, "Online physics, but not in a vacuum," *UVU Symposium on Teaching and Learning*, Orem, Utah (March 28, 2024).

Oral Presentation - *E. Ballantyne, A. Chaturvedi, **D. W. Shipp**, M. Lizio, "Raman spectroscopic analysis of fixed lung cancer sections," *Utah Conference for Undergraduate Research: Huntsman Cancer Session*, Orem, Utah (February 16, 2024).

Poster Presentation - *T. Caldwell, **D. W. Shipp**, "GPU-accelerated Monte Carlo Raman spectroscopy simulation: Unlocking computational speed for cancer detection," *Utah Conference for Undergraduate Research: Huntsman Cancer Session*, Orem, Utah (February 16, 2024).

Poster Presentation - *S. Stringham, *A. Elison, K. Shurtleff, **D. W. Shipp**, "Analysis of graphene samples Using a 785nm Raman spectrometer and construction of a carbon spectral library," *Utah Conference for Undergraduate Research*, Orem, Utah (February 16, 2024).

Poster Presentation - *T. Daynes, *T. O'Loughlin, *E. Prazak, **D. W. Shipp**, "Analysis of super-black coatings versus black paints," *Utah Conference for Undergraduate Research*, Orem, Utah (February 16, 2024).

Poster Presentation - *S. Brown, *C. Draughon, *S. Pepper, *U. Thornock, **D. W. Shipp**, "Mechanical to electrical energy conversion of a door swing," *Utah Conference for Undergraduate Research*, Orem, Utah (February 16, 2024).

Poster Presentation - *J. Walton, *M. Astill, *J. Nelson, **D. W. Shipp**, "Meta-analysis of eddy current braking systems," *Utah Conference for Undergraduate Research*, Orem, Utah (February 16, 2024).

Oral Presentation - *E. Ballantyne, A. Chaturvedi, **D. W. Shipp**, M. Lizio, "Raman spectroscopic analysis of lung tissue sections," *SPIE Photonics West*, San Francisco, California, (January 27, 2024).

Oral Presentation - *E. Ballantyne, A. Cruz, S. Rocks, **D. W. Shipp**, "Techniques for small target identification and inter-spectrometer transferability modeled on environmental microplastics," *SPIE Photonics West*, San Francisco, California, (January 27, 2024).

Oral Presentation - **D. W. Shipp**, "Physics homework: a choose your own adventure," *Idaho-Utah Section, American Association of Physics Teachers (AAPT)*, Twin Falls, Idaho, (April 15, 2023).

‡*Poster Presentation* - *T. Daynes, *T. O'Loughlin, *E. Prazak, **D. W. Shipp**, "Analysis of super-black coatings versus black paints," *UVU Research Showcase*, Orem, Utah (April 4, 2023).

Poster Presentation - *E. Ballantyne, *J. Hales, *H. Rivera, *P. Lagunas, *J. Jones, **D. W. Shipp**, "Increasing the detection range of Raman spectroscopy using an added scattering agent," *UVU Research Showcase*, Orem, Utah (April 4, 2023).

Poster Presentation - *E. Ballantyne, **D. W. Shipp**, "Effectiveness of student created homework on performance and attitude," *UVU Symposium on Teaching and Learning*, Orem, Utah (March 30, 2023).

Poster Presentation - *M. Christensen, *E. Ballantyne, D. Stephen, **D. W. Shipp**, "Utilizing Raman spectroscopy to identify soft tissues in fossiles," *Utah Conference for Undergraduate Research*, Salt Lake City, Utah (February 17, 2023).

Oral Presentation - **D. W. Shipp**, "Online Physics - But NOT in a Vacuum," *Excellence in Online Teaching*, Nevada State College, Online (February 3, 2023).

Poster Presentation - *E. Ballantyne, *J. Hales, *H. Rivera, *P. Lagunas, *J. Jones, **D. W. Shipp**, "Increasing the detection range of Raman spectroscopy using an added scattering agent," *APS Conferences for Undergraduate Women in Physics (CUWiP)*, Santa Cruz, California (January 21, 2023).

Poster Presentation - *S. West, **D. W. Shipp**, "Raman-based machine learning classification of burn severity," *APS Conferences for Undergraduate Women in Physics (CUWiP)*, Santa Cruz, California (January 21, 2023).

Oral Presentation - *E. Ballantyne, *J. Hales, *P. Lagunas, *H. Rivera, *J. Jones, **D. W. Shipp**, "Monte Carlo simulation for Raman spectroscopy system analysis," *American Physical Society - Four Corners Section Meeting*, Albuquerque, New Mexico (October 14, 2022).

Poster Presentation - *S. West, **D. W. Shipp**, "Analyzing biochemical changes in pork tissue using Raman spectroscopy," *APS Conferences for Undergraduate Women in Physics (CUWiP)*, Online (January 21–23, 2022).

Oral Presentation - **D. W. Shipp**, "Raman spectroscopy of biological samples," *Physics Department Colloquium*, Idaho State University, Online (September 27, 2021).

Oral Presentation - *J. Hales, *J. Jones, **D. W. Shipp**, "The effect of scattering on spatial resolution of Raman spectroscopy in tissue," *OSA Biophotonics Congress*, Online (April 14, 2021).

Poster Presentation - *P. Lagunas, *H. Rivera, **D. W. Shipp**, "Tissue phantom study to characterize detection of cancer cells with Raman spectroscopy," *Utah Academy of Science, Arts, and Letters*, Online (March 20, 2021).

Poster Presentation - *B. Durrant, *S. Bennion, **D. W. Shipp**, "Raman spectroscopic analysis," *Utah Conference for Undergraduate Research*, Online (February 19, 2021).

Oral Presentation - *E. Walker, *D. Carroll, **D. W. Shipp**, "Making lab classes count," *Teaching 4 Learning*, Provo, Utah (March 6, 2020).

Oral Presentation - *E. Ballantyne, **D. W. Shipp**, "Raman imaging of single cellular metabolism," *Utah Conference for Undergraduate Research*, Logan, Utah (February 7, 2020).

Poster Presentation - *B. Durrant, *S. Bennion, **D. W. Shipp**, "Building a classifier to discriminate bacteria with Raman spectroscopy," *Utah Conference for Undergraduate Research*, Logan, Utah (February 7, 2020).

Oral Presentation - *L. Buck, **D. W. Shipp**, "Differentiating cancer cells using Raman spectroscopy," *SPIE Photonics West*, San Francisco, California (February 1–6, 2020).

Poster Presentation - *J. Jones, *J. Hales, **D. W. Shipp**, "The effect of scattering on spatial resolution of Raman spectroscopy in tissue," *SPIE Photonics West*, San Francisco, California (February 1–6, 2020).

Poster Presentation - *J. Jones, *J. Hales, **D. W. Shipp**, "The effect of scattering on spatial resolution of Raman spectroscopy in tissue," *APS Conferences for Undergraduate Women in Physics (CUWiP)*, Spearfish, South Dakota (January 17–19, 2020).

Poster Presentation - *J. Jones, **D. W. Shipp**, "The effect of scattering on spatial resolution of Raman spectroscopy in tissue," *UVU Research Showcase*, Orem, Utah, (October 15, 2019).

Oral Presentation - **D. W. Shipp**, "Prioritizing content in experimental physics courses," *Idaho-Utah Section, American Association of Physics Teachers (AAPT)*, Logan, Utah, (March 2, 2019).

Invited Talk - **D. W. Shipp**, "Intra-operative detection of residual tumor at lumpectomy surface during breast conserving surgery by Multi-spectral Histopathology," *Photonics as a Tool for Surgery*, Gustave Roussy Institute, Paris, France (November 13, 2017).

Oral Presentation - **D. W. Shipp**, K. Kong, E. Rakha, I. Ellis, I. Notingher, "Multi-spectral histopathology for rapid evaluation of breast tumor margins," *OSA European Conferences on Biomedical Optics*, Munich, Germany (June 25, 2017).

†*Poster Presentation* - **D. W. Shipp**, K. Kong, E. Rakha, I. Ellis, I. Notingher, "Laser-based tool to help breast cancer surgeons check their work," *Research Showcase*, University of Nottingham, Nottingham, United Kingdom (June 21, 2017).

†*Poster Presentation* - **D. W. Shipp**, K. Kong, E. Rakha, I. Ellis, I. Notingher, "Speeding up breast cancer margin evaluation using multi-spectral histopathology," *STEM for Britain*, UK Parliament, London, United Kingdom (March 13, 2017).

Oral Presentation - **D. W. Shipp**, "Raman Spectroscopy: Using light to speed up medical diagnosis," *Physics Department Colloquium*, Rochester Institute of Technology, Rochester, New York (October 21, 2016).

Poster Presentation - **D. W. Shipp**, K. Kong, E. Rakha, I. Ellis, I. Notingher, "Raman spectral histopathology of breast cancer recession margins," *OSA Frontiers in Optics*, Rochester, New York (October 19, 2016).

Oral Presentation - **D. W. Shipp**, K. Kong, E. Rakha, I. Ellis, I. Notingher, "Intra-operative assessment of sentinel lymph nodes by selective-scanning Raman spectroscopy," *Pathological Society*, Nottingham, United Kingdom (June 29, 2016).

Poster Presentation - **D. W. Shipp**, "Motivation in non-major students in an introductory physics class," *CASTLE Symposium*, Rochester Institute of Technology, Rochester, New York (May 20, 2015).

Oral Presentation - A. E. Cannaday, **D. W. Shipp**, J. Sorrells, and A. J. Berger, "Determining the optimal system parameters to detect organelle size changes in individual cells using angular domain elastic scattering," *SPIE Photonics West*, San Francisco, California (February 8, 2015).

‡*Oral Presentation* - **D. W. Shipp**, "Precise, time-lapsed measurements of organelle sizes in single cells by Holographic Angular Domain Elastic Scattering (HADES)," *SPIE Student Colloquium Series*, University of Rochester, Rochester, New York (June 24, 2014).

Oral Presentation - **D. W. Shipp**, R. Qian, Ashley E. Cannaday, and A. J. Berger, "Precise, time-lapsed measurements of organelle sizes in single cells by Holographic Angular Domain Elastic Scattering," *SPIE Photonics West*, San Francisco, California (February 2, 2014).

Poster Presentation - **D. W. Shipp**, R. Qian, and A. J. Berger, "Angular-domain scattering interferometry," *ECI Advances in Optics for Biotechnology, Medicine, and Surgery*, Tahoe, California (June 2-5, 2013).

Oral Presentation - **D. W. Shipp**, S. Mitra, T. H. Foster, and A. J. Berger, "Effect of photodynamic therapy on single cancer cells studied by integrated Raman and angular scattering microscopy," *SPIE Photonics West*, San Francisco, California (January 22, 2012).

Poster Presentation - **D. W. Shipp**, D. C. Davidson, M. Kiebala, S. B. Maggirwar, and A. J. Berger, "Platelet activation studied by Raman and angular scattering microscopy," *World AIDS Day*, University of Rochester Medical Center, Rochester, New York (December 1, 2011).

Oral Presentation - **D. W. Shipp** and A. J. Berger, "Time-lapsed integrated Raman and angular scattering microscopy of immune cells," *SPIE Photonics West*, San Francisco, California (January 23, 2011).

Oral Presentation - **D. W. Shipp** and A. J. Berger, "Time-lapsed integrated Raman and angular scattering microscopy of immune cells," *OSA Frontiers in Optics*, Rochester, New York (October 27, 2010).

* = Undergraduate UVU Student, † = Highly selective, ‡ = Winner: Best presentation