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CONTACT INFORMATION

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EDUCATION

Ph.D., Chemical Engineering, Texas A&M University (2005)
Dissertation: "Fluorescence Optical Lymphography for Cancer Diagnosis", Committee: Eva M. Sevick-Muraca (chair), Chun. Li, Gerard L. Cote, and Mark Holtzapple

M.S., Chemical Engineering, Texas A&M University (2002)
Thesis: "Near-infrared Fluorescence Enhanced Optical Imaging: An Analysis of Penetration Depth"
Committee: E.M. Sevick-Muraca (chair), Lihong Wang, and Theresa A. Good

B.S., Chemical Engineering, New Mexico State University (2000)

PROFESSIONAL EXPERIENCE

Professor, Chemical & Materials Engineering, NMSU	2021-present
Interim Department Head**,** New Mexico State University, Las Cruces, NM	2021-2022
Associate Professor, New Mexico State University, Las Cruces, NM	2015-2021
Associate Department Head, Chemical Engineering, NMSU, Las Cruces, NM	2013-2015
Assistant Professor, New Mexico State University, Las Cruces, NM	2009-2015
Affiliate Faculty, Biomedical Engineering, University of New Mexico, Alb, NM	2009-present
Director's Postdoctoral Fellow Los Alamos National Laboratory, Los Alamos, NM	2006-2009
Research Associate Baylor College of Medicine, Houston, TX	2005-2006
Graduate Student Trainee, M. D. Anderson Cancer Center, Houston, TX	2004-2005
Graduate Research Assistant Texas A&M University, College Station, TX	2000-2005

HONORS & AWARDS

Robert L. Westhafer Award for Excellence in Research and Creative Activity, NMSU	2025
Fellow, American Institute of Medical and Biological Engineers	2024
Fulbright Faculty Scholar, US State Department and Brazil-US Educational Commission	2023
Distinguished Research Award, NMSU University Research Council	2022
Bromilow Research Excellence Award, NMSU College of Engineering	2019
Fulbright Faculty Scholar, US State Department and Japan-US Educational Commission	2018
Synergy-One Award Faculty Award, NMSU College of Engineering	2017
Best Paper Award for 2014 Cytometry Part A, John Wiley and Sons	2015
College of Engineering Foreman Award: Assistant Professor Level, NMSU, Las Cruces, NM	2015
1st Place Poster Presentation, University Research Council Annual Fair, NMSU	2014
1st Place Poster Presentation, NIH NCI PACHE Investigators' Workshop, Bethesda, MD	2014
New Mexico State University, University Research Council Early Career Award	2014
Scholar Award; the International Society for the Advancement of Cytometry	2014
NSF CAREER Award, Division of Biological Infrastructure	2012
Outstanding Junior Faculty Award, NMSU Hispanic Faculty & Staff Caucus	2011
Research Achievement Award, NMSU Office of the Vice President for Research	2011
Dean's Recognition Award, New Mexico State University College of Engineering	2010
Sony Young Faculty Scholarship Award	2009
President's Award for Excellence Finalist, ISAC CYTO 2008 Congress	2008
Best Poster Award, Bioscience Capability Review Los Alamos National Laboratory	2008
Director's Postdoctoral Fellow, Los Alamos National Laboratory	2006
Oral Presentation Award, Baylor College of Medicine Breast Center Retreat	2005
First Place Poster, American Institute of Chemical Engineers Annual Meeting	2004
Travel Award, Society of Molecular Imaging Meeting	2004
Outstanding Poster Award, Gordon Conference on Lasers in Medicine and Biology	2004
Bridge to Doctorate Fellowship, National Science Foundation LSAMP Program	2003
Oral Presentation Award, Texas A&M University	2002

PROFESSIONAL AND SCIENTIFIC IMPACT

President, International Society for the Advancement of Cytometry (ISAC)	2023-present
Chair, ISAC Executive Committee and ISAC Council	2023-present
Associate Editor, Cytometry Part A, Journal of ISAC, John Wiley & Sons Publisher	2018-present
Section Editor, Stem Cell Reviews and Reports, Springer	2022-present
Scientific Advisory Board Member, Miftek Corporation, Purdue University	2023-present
Conference Chair, SPIE Photonics West BIOS: Conference on Imaging, Manipulation, and Analysis of Biomolecules, Cells, and Tissues	2018-present
Conference Organizing Committee Member: SPIE Photonics West BIOS: Conference on High-Speed Biomedical Imaging and Spectroscopy	2018-present
Program Director of Health G-RISE at New Mexico State University; Enhancing Biomedical Workforce Diversity,1T32GM148394	2023-present
Institutional Liaison, New Mexico State University Fulbright Program	2024-present
Ex Officio Member, of over 30 ISAC Task Forces, Committees, and Sub-committees including Governance, CYTO Women, Finance, Awards and Nominations, Leadership Development, Scientific Communications, Education, Membership Services, & Innovation. Full list is here: https://cdn.ymaws.com/isac-net.org/resource/resmgr/docs/website/finalized_isac_committee_str.pdf	2023-present
Faculty Advisor to REU Programs, NSF Latinidad STEM Mentoring, NSF Alliance for Minority Participation (AMP); NIH Maximizing Access to Biomedical Research Careers (MARC); NIH Bridges; Howard Hughes Medical Institute undergraduate researchers	2009-present
Referee, Cytometry Part A, Applied Optics, Journal of Biomedical Optics, Sensors, Analytical Chemistry, Biomedical Optics Express, Optics Express, Scientific Reports, JoVE, Lab on a Chip, JIOHS, Nature Communications	2009-present
Standing Member, Cell & Molecular Technologies Study Section, National Institutes of Health Center for Scientific Review	2018-2022
Society Member/Participant: SPIE, Cytometry Development Workshop (CDW), Optical Society of America (OSA), American Institute of Chemical Engineers (AIChE), Society of STEM Women of Color (SWOC), American Institute of Medical and Biomedical Engineers (AIMBE),	2009-present
President-Elect, International Society for the Advancement of Cytometry (ISAC)	2022-2023
Treasurer, International Society for the Advancement of Cytometry (ISAC)	2018-2022
Chair, Scientific Communications Committee, ISAC	2014-2018
Councilor, International Society for the Advancement of Cytometry (ISAC)	2014-2018
Congress Chair, Annual Congress for the International Society for Advancement of Cytometry CYTO, May 20-24, 2023, Montreal, Canada	2022-2023
Conference Chair, Science and Innovation Biophotonics Conference 10 at the Congress for Lasers and Electro-Optics (CLEO)	2018-2020
Panelist, National Institutes of Health, SBIR/STTR, R15, IMST-H, -12, & - 15 National Science Foundation, BIO directorate IDBR, MRI, and GRFP panels	2012-present
Faculty Advisor, Student Chapters of AIChE, MAES, Society of Hispanic Professional Engineers (SHPE), Biomedical Engineering Society (BMES)	2009-2020
Chair, Co-Chair, Advisor Aggie Innovation Space, Dean's Advisory Committee for Strategic Planning, NMSU Provost Search Committee, NMSU CoE Dean Search Committee, >6 search committees for the NMSU College of Engineering and CHME Program, NMSU Teaching Academy Mentor Pairing Team,	2009-present

PEER-REVIEWED ISI INDEXED PUBLICATIONS

Link to my Google Scholar Citation Index and NCBI Bibliography

- H. Pouraria and J. P. Houston, “Elasticity of Carrier Fluid: A key factor affecting mechanical phenotyping in deformability cytometry,” submitted, *Micromachines (Basel) 2024 Jun 25;15(7):822. doi: 10.3390/mi15070822* PMC11278870
- S. Valentino, K.D. Houston, and J. P. Houston, “Correlating NAD(P)H lifetime shifts to tamoxifen resistance in breast cancer cells: a metabolic screening study with time-resolved flow cytometry,”, *Journal of Innovative Optical Health Sciences*, 2024
- Hiroshi Kanno, Kotaro Hiramatsu, Hideharu Mikami, Atsushi Nakayashiki, Shota Yamashita, Arata Nagai, Yin Fei, Keita Tominaga, Omer Faruk Bicer, Ryohei Noma, Bahareh Kiani, Olga Efa, Martin Büscher, Tetsuichi Wazawa, Masahiro Sonoshita, Hirofumi Shintaku, Takeharu Nagai, Sigurd Braun, Jessica P. Houston, Sherif Rashad, Kuniyasu Niizuma, and Keisuke Goda, “High-throughput Fluorescence Lifetime Imaging Flow Cytometry,” Nat Commun. 2024 Sep 4;15:7376. PMC11375057
- H. Pouraria and J. P. Houston, “Exploitation of elasto-inertial fluid flow for the separation of nano-sized particles: Simulating the isolation of extracellular vesicles,” *Cytometry A,* Oct 2023; 103(10):786-795, PMC10592338
- J. Sambrano, F. Rodriguez, J. Martin, and J. P. Houston, "Toward the Development of an On-Chip Acoustic Focusing Fluorescence Lifetime Flow Cytometer," *Frontiers in Physics,* 2021 9:253 https://www.frontiersin.org/article/10.3389/fphy.2021.647985
- A. Bitton, J. Sambrano, S. Valentino, and J. P. Houston, "A Review of New High-Throughput Methods Designed for Fluorescence Lifetime Sensing From Cells and Tissues," *Frontiers in Physics,* 2021 9:163 https://www.frontiersin.org/article/10.3389/fphy.2021.648553
- A. Bitton, Y. Zheng, K. D. Houston, and J. P. Houston, "Investigating differences between tamoxifen resistant and sensitive breast cancer cells with flow cytometry," *Cytometry A*, 2021 99(2):164-169; PMC7986838
- K. Nichani, J. Li, M. Suzuki, and J. P. Houston, “Evaluation of caspase-3 activity during apoptosis with fluorescence lifetime-based cytometry measurements and phasor analyses,” *Cytometry A*, 2020 97(12):1265-1275; PMC7738394
- F. Alturkistany, K. Nichani, K. D. Houston, and J. P. Houston, “Fluorescence lifetime shifts of NAD(P)H during apoptosis measured by time-resolved flow cytometry,” *Cytometry A* 2019; 95(1):70-79 PMC6587805
- J. P. Houston, “Apoptosis and Autophagy” *Cytometry A*, 2019, 95(6): 655-656.
- A. Cossarizza, et al., “Guidelines for the use of flow cytometry and cell sorting in immunological studies”, *European journal of immunology* 49 (10), 1457-1973
- J. Thomas, J. P. Houston, and L. Boucheron, “Measuring Self-Efficacy in Diverse First-Year Engineering Students Exposed to Entrepreneurial Minded Learning,” *IEEE Frontiers in Education (FIE)* 2018 T3G: Engineering Education Research 10.1109/FIE.2018.8658540
- J. Sambrano, K. Nichani, L. Smagley, A. Chigaev, L. Sklar, J. P. Houston, “Evaluating integrin activation with time-resolved flow cytometry,” *Journal of Biomedical Optics* 2018; 23(7):1-10 PMCID:PMC6232766
- V. Donnenberg, J. P. Houston, S. Muller, and E. Holden, “Cytometry A Score: 23 : 4”, *Cytometry A,* July 2018
- L. Yan, J. Yu, J.P. Houston, N. Flores, and H. Luo, “Biomass derived porous nitrogen doped carbon for electrochemical devices,” *Green Energy & Environment*, 2017; 2(2):84-99
- A. Filby, and J. P. Houston “Imaging cytometry: Automated morphology and feature extraction,” *Cytometry A*. 2017 Sep;91(9):851-853. doi: 10.1002/cyto.a.23200
- Z. Yang, B. Rutherford, R. McDonald, and J. P. Houston “Development of far-red and ultraviolet digital frequency-domain flow cytometry systems,” *IEEE Journal of Selected Topics in Quantum Electronics* 2017; 23(3):7100105
- W. Li, K. D. Houston, and J. P. Houston, “Shifts in the fluorescence lifetime of EGFP during bacterial phagocytosis measured by phase-sensitive flow cytometry,” *Scientific Reports* 2017; 7:40341 PMCID:PMC5238435
- Z. Yang, D. M. Shcherbakova, V. Verkhusha, and J. P. Houston, “Developing a time-resolved flow cytometer for fluorescence lifetime measurements of near-infrared fluorescent proteins,” *Conference on Lasers and Electro-Optics*, OSA Technical Digest 2016; https://doi.org/10.1364/CLEO_SI.2016.SW4G.1
- R. Cao, Jenkins P, Peria W, Sands B, Naivar M, Brent R, and J. P. Houston, “Phasor plotting with frequency-domain flow cytometry,” *Optics Express* 2016; 24(13):14596-607 PMCID:PMC5025209
- J.P. Houston, “Perspectives of an ISAC Marylou Ingram Scholar,” *Cytometry A*. 21 July 2016, doi: 10.1002/cyto.a.22908
- E. Dahal, J. Curtiss, D. Subedi, G. Chen, J. P. Houston, and S. Smirnov, “Evaluation of the Catalytic Activity and Cytotoxicity of Palladium Nanocubes,” *ACS Appl. Mater. Interfaces* 2015; 7 (18): 93649371 PMCID:PMC4663053
- P. Jenkins, M. Naivar, and J. P. Houston, “Toward the measurement of multiple fluorescence lifetimes in flow cytometry: maximizing multi-harmonic content from cells and microspheres,” *Journal of Biophotonics* 2015; 8(11-12):908-917 PMCID:PMC4869968

- B. Sands, P. Jenkins, B. J. Peria, M. Naivar, J. P. Houston, and R. Brent, “Measuring and sorting cell populations expressing isospectral fluorescent proteins with different fluorescence lifetimes,” *PLoS One* 2014; 9(10):e109940 PMCID:PMC4193854
- R. Cao, M. Naivar, M. Wilder, and J. P. Houston, “Expanding the potential of standard flow cytometry by extracting fluorescence lifetimes from cytometric pulse shifts.,” *Cytometry A* 2014; 85(12):999-1010 PMCID:PMC4257068 **selected for the 2014 Best Paper Award
- W. Li, G. Vacca, and J. P. Houston, “Fluorescence lifetime excitation cytometry by kinetic dithering,” *Electrophoresis* 2014; 35(12-13):1846-54 PMCID:PMC4231566
- Gohar, R. Cao, P. Jenkins, W. Li, J.P. Houston, and K. D. Houston, “Subcellular localization-dependent changes in EGFP fluorescence lifetime measured by time-resolved flow cytometry,” Biomedical Optics Express 2013; 4(8):1390-1400 PMCID:PMC3756581
- R. Cao, V. Pankayatselvan, and J. P. Houston, “Cytometric sorting based on the fluorescence lifetime of spectrally overlapping signals,” *Optics Express* 2013; 21(12): 14816-14831 PMCID:PMC3726248
- J. P. Houston, M. Naivar, P. Jenkins and J. P. Freyer, “Capture of fluorescence decay times by flow cytometry,” *Current Protocols in Cytometry* 2012; 59(1):1.25.1-1.25.12 PMCID:PMC4240630
- J. P. Houston, M. Naivar, and J. P. Freyer, “Digital Acquisition of fluorescence lifetime by frequency domain flow cytometry,” *Cytometry A* 2010; 77A(9):861- 872 PMCID:PMC2930036
- E. M. Sevick-Muraca, R. Sharma, J. C. Rasmussen, M. V. Marshall, J. A.Wendt, H. Q. Pham, E. Bonefas, J. P. Houston, L. Sampath, K. E. Adams, D. Blanchard, R.E. Fisher, S. Chiang, R. Elledge, and M. E. Mawad, “Imaging of lymph flow in breast cancer patients after microdose administration of a near-infrared fluorophore – feasibility,” Radiology 2008, 246(3) 734-741.
- R. Sharma, W. Wang, J. Rasmussen, A. Joshi, J. P. Houston, K. Adams, A. Cameron, S. Ke, M. Mawad, and E. Sevick, “Quantitative imaging of lymph function,” American Journal of Physiology: Heart and Circulation 2007, 292:H3109-H3118.
- J. P. Houston, S. Ke, W. Wang, C. Li, and E. M. Sevick-Muraca, “Quality analysis of in vivo NIR fluorescence and conventional gamma images acquired using a dual-labeled tumor-targeting probe,” Journal of Biomedical Optics 2005, 10(5):54010.
- K. Hwang, J. P. Houston, J. Rasmussen, S. Ke, C. Li, and E. M. Sevick-Muraca, “Enhanced fluorescent optical imaging with improved excitation light rejection,” Molecular Imaging 2005, 4(3):194-204.
- S. Kwon, S. Ke, J. P. Houston, W. Wang, Q. Wu, C. Li, and E. M. Sevick-Muraca, “Imaging dose-dependent pharmacokinetics of an RGD-fluorescent dye conjugate targeted to avb3 receptor expressed in Kaposi’s sarcoma,” Molecular Imaging 2005, 4:75-87 (cover of issue).
- C.Li, W. Wang, Q. Wu, S. Ke, J. P. Houston, E. M. Sevick-Muraca, L. Dong, D. Chow, C. Charnsangavej and J. P. Gelovani, “Dual optical and nuclear imaging in human melanoma xenografts using a single targeted imaging probe,” Nuclear Medicine and Biology 2006, 33(3):349-358.
- J. P. Houston and E. M. Sevick-Muraca, “Sensitivity and depth penetration of CW versus FDPM NIR fluorescence contrast-enhanced imaging,” Photochemistry and Photobiology 2003, 77:420-430.

BOOK CHAPTERS

J. P. Houston, S. Valentino, and A Bitton, Chapter in Flow Cytometry Protocols Edition 5Eds. B. Hawley and T. Hawley, Springer 2024.

J. P. Houston, Z. Yang, J. Sambrano, K. Nichani, and G. Vacca, “Overview of fluorescence lifetime measurements in flow cytometry,” Chapter in Flow Cytometry Protocols Edition 4Eds. B. Hawley and T. Hawley, Springer 2017.

E. M. Sevick-Muraca, A. Godavarty, J. P. Houston, A. B. Thompson, and R. Roy, “Near-infrared imaging with fluorescent contrast agents," Chapter 14 in Fluorescence in Biomedicine Eds. B. Pogue and M. A. Mycek, Marcel Dekker, New York, New York, 83 pgs., 2003.

E. M. Sevick-Muraca, E. Kuwana, A. Godavarty, J. P. Houston, A. B. Thompson, and R. Roy, “Near-infrared fluorescence imaging and spectroscopy in random media and tissues,” Chapter 33 in Biomedical Photonics Handbook Ed. J. Vo-Dinh, CRC Press., 66 pgs., 2003.

PATENTS

J. P. Houston and M. Naivar, "Methods of measuring fluorescence lifetime using a flow cytometer" United States Patent, Pub no. US9632030 B1, App no. US 14/072,521, Apr 25, 2017.

E. M. Sevick-Muraca, R. Sharma, J. Rasmussen, M. E. Mawad, K. Adams, and J. P. Houston, “Functional Imaging of Lymphatics,” U.S. Provisional Patent Application No. BLG 06-094, Received: 06/22/06. Patent Filing Date: 08/24/06.

CONFERENCE PROCEEDINGS

- S. Valentino, K. D. Houston, and J. P. Houston, “Metabolic profiling of tamoxifen-sensitive and tamoxifen-resistant breast cancer cells measuring the optical redox ratio of NAD(P)H/FAD utilizing a high-throughput time-resolved flow

cytometer" 2024 *Proceedings of SPIE Imaging and Manipulation of Cells and Tissues XX,* San Francisco, CA Jan 27-31.

- S. Valentino, K. D. Houston, and J. P. Houston, "Correlating NAD(P)H lifetime shifts to treatment of breast cancer cells with serum and serum-free conditions: a metabolic screening study with time-resolved flow cytometry" 2023 *Proceedings of SPIE Imaging and Manipulation of Cells and Tissues XX http://dx.doi.org/10.1117/12.2650966.*
- J. Sambrano "Towards FRET-based studies using high throughput time-resolved acoustofluidic flow cytometry" 2021 *Proceedings of SPIE Imaging and Manipulation of Cells and Tissues XX, http://dx.doi.org/10.1117/12.2578668*
- Bitton, K. D. Houston, and J. P. Houston, "Spectral Flow Cytometry to Distinguish Tamoxifen Resistant Breast Cancer Cells," *Proceedings of the Optical Society of America, Conference on Lasers and Electro Optics (CLEO),* 2020, paper: JW2A
- J. Sambrano, F. Rodriguez, and J. P. Houston, "Developing a time-resolved acoustofluidic flow cytometer for FRET studies and near-infrared fluorescent protein development," *Proceedings of the Optical Society of America, Conference on Lasers and Electro Optics (CLEO),* 2020*,* Paper AW3I.1
- J. Sambrano and J. P. Houston, "Acquiring fluorescence decay kinetic measurements with on-chip acoustic focusing cytometry (Invited Paper)," 2020 *Proceedings of SPIE High-Speed Biomedical Imaging and Spectroscopy* v 11250, 112500Z http://dx.doi.org/10.1117/12.2547511
- D. Rodriguez, K. D. Houston, and J. P. Houston, " Determining Metabolic Changes Associated with Tamoxifen Treatment and Resistance in Breast Cancer," *Proceedings of the Optical Society of America, Conference on Lasers and Electro Optics (CLEO): Science and Innovations*, 2019, pSM4H.4
- J. Li and J. P. Houston, "Phase filtered cell sorting with a NIR fluorescence lifetime flow cytometer," *Proceedings of the Optical Society of America, Conference on Lasers and Electro Optics (CLEO): Science and Innovations,* 2018*, ISBN: 978-1-943580-42-2, paper STh3J.4,*
- F. Alturkistany, K. Nichani, and J. P. Houston, "Effect of Viscosity on Fluorescence Lifetime Measured Using Flow Cytometry *Proceedings of the Optical Society of America, Conference on Lasers and Electro Optics (CLEO): Science and Innovations,* 2018, v JTh2A. p103
- J. Thomas, J. P. Houston, and L. Boucheron, "Measuring Self-Efficacy in Diverse First-Year Engineering Students Exposed to Entrepreneurial Minded Learning," *Proceedings of the IEEE Frontiers in Education Conference*, 2018, DOI:10.1109/fie.2018.8658540
- J. Sambrano, Y. Smagley, A. Chigaev, L. A. Sklar, and J. P. Houston, "Using FRET to quantify changes in integrin structures in human leukocytes induced by chemoattractants with multi-frequency flow cytometry," *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* Biophotonics and Immune Responses XII v 10065, p100650W.
- Z. Yang, D. Shcherbakova, V. V. Verkhushua, and J. P. Houston, "Developing a time-resolved flow cytometer for fluorescence lifetime measurements of near-infrared fluorescent proteins," *Proceedings of the Optical Society of America, Conference on Lasers and Electro Optics (CLEO): Science and Innovations,* 2016.
- E. Dahal, R. Cao, P. Jenkins, and J. P. Houston, "High-throughput measurement of the long excited-state lifetime of quantum dots in flow cytometry," *Progress in Biomedical Optics and Imaging - Proceedings of SPIE, Imaging, Manipulation, and Analysis of Biomolecules, Cells, and Tissues VI*, v 8947, p89470S, 2014.
- P. Jenkins, M. Naivar, J. P. Freyer, A. Arteaga, and J. P. Houston, "Flow cytometric separation of spectrally overlapping fluorophores using multifrequency fluorescence lifetime analysis," *Progress in Biomedical Optics and Imaging - Proceedings of SPIE,* v 7902, *Imaging, Manipulation, and Analysis of Biomolecules, Cells, and Tissues VI*, p790216 doi:10.1117/12.875627, 2011.
- T. Jones, P. Jenkins, and J. P. Houston, "Resolving Multiple Fluorescence Decays from Single Cytometric Events," *Biomedical Optics Proceedings, OSA Technical Digest (CD) Optical Society of America,* paper BTuD113p, 2010.
- J.P. Houston, C.K. Sanders, A. Trujillo, M.A. Naivar, and J.P. Freyer, "Measurement of modulated autofluorescence signals in flow cytometry" v *24, IFMBE Proceedings* p 261-262, 2009.
- J. P. Houston, M. Naivar, J. C. Martin, G. Goddard, S. Carpenter, J. R. Mourant, and J. P. Freyer, "Endogenous fluorescence lifetime of viable cells by flow cytometry," *Progress in Biomedical Optics and Imaging - Proceedings of SPIE,* v 6859, *Imaging, Manipulation, and Analysis of Biomolecules, Cells, and Tissues VI,* p 68590T-68590T- 8, 2008.
- G. Goddard, J. P. Houston, J. Hickey, J. C. Martin, J. P. Freyer, and S. Graves, "Cellular discrimination based on spectral analysis of intrinsic fluorescence," *Progress in Biomedical Optics and Imaging - Proceedings of SPIE,* v 6859, *Imaging, Manipulation, and Analysis of Biomolecules, Cells, and Tissues VI,* p 6859081-8, 2008.
- J. P. Houston, S. Ke, W. Wang, C. Li, and E. M. Sevick-Muraca, "Dual-modality imaging *in vivo* with a fluorescence-enhanced, gain-modulated NIR intensified CCD camera and a conventional gamma camera," *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, v 5704, *Genetically Engineered and Optical Probes for Biomedical Applications III*, p 10-15, 2005. K. Hwang, J. P. Houston, J. Rasmussen, S. Ke, C. Li, and E. M. Sevick-Muraca, "The influence of improved interference filter performance for molecular imaging using FDPM measurements," Progress in Biomedical Optics and Imaging - Proceedings of SPIE, v 5693, Optical Tomography and Spectroscopy of Tissue VI, p 503-512, 2005.
- S. Kwon, S. Ke, J. P. Houston, W. Wang, Q. Wu, C. Li, and E. M. Sevick-Muraca, "In vivo pharmacokinetic analysis for fluorescently labeled RGD peptide targeted to the $\alpha v\beta 3$ integrin in Kaposi's sarcoma," Progress in Biomedical Optics