

CURRICULUM VITAE
Sean C Figy, MD

CAMPUS ADDRESS: Department of Surgery-Plastic&Reconstructive
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EDUCATION

2004 - 2008 BS, Biology, Siena College, Loudonville, NY
2008 - 2012 MD, The University of Toledo, Toledo, OH

POST DEGREE TRAINING

07/2012 - 06/2018 Resident, Plastic and Reconstructive Surgery, The University of
Massachusetts Medical School, Worcester, MA
07/2018 - 06/2019 Fellow, Reconstructive Microsurgery, The Ohio State University College
of Medicine, Columbus OH

CONTINUING EDUCATION AND TRAINING

06/2005 - 07/2005 Internship NASA Spaceflight and Life Sciences Training Program on
Bacterial Survival, National Aeronautics and Space Administration
06/2009 - 07/2009 Preceptorship Hand and Upper Extremity, Massachusetts General Hospital

ACADEMIC APPOINTMENTS

2019 - Present Assistant Professor, Plastic & Reconstructive Surgery, University of
Nebraska Medical Center, Omaha, NE

GRANTS AND CONTRACT SUPPORT

HONORS AND AWARDS

2008 Fr. Cyprian Mensing Award, Siena College, Loudonville, NY
2011 Physician of Tomorrow Award, AMA
2011 Gold humanism Honor Society, The University of Toledo, Toledo, OH
2012 Alpha Omega Alpha
2015 In Service Exam Silver Medalist Academic Year 2014/2015
2015 Outstanding House Officer, The University of Massachusetts Medical
School, Worcester, MA
2018 Franciscan Spirit Award, Siena College, Loudonville, NY
2018 Consultant Resident of the Year 2017/2018, The University of
Massachusetts Medical School Emergency Dept award, Worcester, MA

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

2006 - 2007	American Institute of Biological Sciences
2006 - 2008	Biological Sciences Honor Society, Chapter President, Phi Sigma-Gamma Sigma Chapter
2007 - 2008	Toastmasters International
2008 - Present	Member, Foreign Language Honor Society, Alpha Mu Gamma
2008 - Present	Member, Siena College Honor Society, Alpha Kappa Alpha
2008 - Present	Various committee and delegate assignments, American Medical Association
2008 - 2012	Tellers Committee-OSMA 2010 Annual Meeting Alternate Delegate to the American Medical Association-2010 Resolutions Committee 1- Delegate Medical Student Section Delegate to the Ohio State Medical Association-2009, Ohio State Medical Society
2012 - Present	Member, Alpha Omega Alpha
2012 - Present	Massachusetts Medical Society
2012 - Present	Delegate, Alternate Delegate to the AMA-Resident and Fellows Section-, 2013-2014 Delegate to the AMA-Resident and Fellows Section-2014-2017 Delegate to the AMA-House of Delegates, 2014-present, American Society of Plastic Surgeons

MISCELLANEOUS

2005 - 2005	Research, National Aeronautics and Space Administration, Division of Flight Experiments. Antimicrobial effectiveness for Spaceflight Applications. Maintain seven pure culture bacteria strains, sample prep, data collection and analysis, National Aeronautics and Space Administration
2006 - 2008	Research, Bactericidal effects of ultraviolet radiation on five strains of bacteria. Start and maintain five strains of bacteria, design experimental procedures, data collection and analysis. Maintain inventory, and order all research materials, Siena College Department of Physics
2010 - 2010	Medical Mission-March, Medical mission to La Esperanza, Honduras with Dr. Richard Paat to serve impoverished Hondurans.
2010 - 2012	Research, Medical Needs and Access to care in two rural Honduran communities. Analyze questionnaires and patient care notes to determine major health concerns of residents of two rural towns in Honduras. The University of Toledo College of Medicine
2013 - Present	Research, Art Education for Plastic Surgery Residents. With the assistance of professional artists, worked to develop an art course/curriculum to further the artistic side of plastic surgery. The University of Massachusetts Medical School
2014 - 2018	Research, Ventral Hernia Repair. Retrospective and prospective review for and ventral hernia repair done by the University of Massachusetts division of Plastic Surgery after 2006.

2015 - Present	Research, Socioeconomic barriers to wound care. Develop surveys to determine which barriers are most prominent in test patient population, then to develop interventions to improve access and delivery of care. The University of Massachusetts Medical School
2015 - 2015	Medical Mission-February, Surgical mission to Ecuador providing plastic and reconstructive surgical services. Hands Across the World
2016 - 2016	Medical Mission-October, Surgical mission to Ecuador providing plastic and reconstructive surgical services. Hands Across the World
2016 - 2018	Resident Advisor Plastic and Reconstructive Surgery Interest Group, Assisted in mentoring medical students, interested in plastic surgery at UMass, coordinating education and skills sessions. University of Massachusetts
2018 - 2018	Medical Mission-March, Medical mission to La Esperanza, Honduras with Dr. Richard Paat to serve impoverished Hondurans.
2018 - 2018	Medical Mission-May, Surgical mission to Ecuador providing plastic and reconstructive surgical services. Hands Across the World

PRESENTATIONS

1. Figy SC. Space poison: testing an antimicrobial agent for use in the space shuttle. Siena College Biology Lecture Series; 2005 Oct. Loudonville, NY
2. Figy SC; Hodges M. Evaluation of an antimicrobial agent in reducing contamination of Staphylococcus epidermidis for space flight applications. American Society for Gravitational and Space Biology Annual Meeting Undergraduate Poster Competition; 2005 Nov. Reno, NV
3. Figy SC; Clements P. Medical needs and access to care in two rural Honduras communities. Health Care Missions Symposium; 2010. Toledo, OH
4. Figy SC. Art education for plastic surgeons. Northeastern Society of Plastic Surgeons Annual Meeting Resident Poster Competition; 2014 Sept. Providence, RI
5. Figy SC; Cahan M; Karam A; Shkreta A; Dunn R. Repair of the external oblique tendon after component separation prevents muscle atrophy. 1st World Conference on Abdominal Wall Hernia Surgery; 2015 April. Milan, Italy
6. Figy SC; Cahan M; Karam A; Shkreta A; Dunn R. Repair of the external oblique tendon after component separation prevents muscle atrophy. American Association of Plastic Surgeons Annual Meeting, Resident Poster Competition; 2015 April. Scottsdale, AZ
7. Figy SC. Surgical management of burns. Burn Symposium; 2015 Dec. Worcester, MA
8. Figy SC. Wound biology and management. Pulmonary Critical Care Grand Rounds; 2016 April. University of Massachusetts Medical School
9. Figy SC; Stoddard P; Hickie K; Roscoe E; Steuber K. Premaxillary molding for difficult bilateral cleft lip and palate. American Cleft Lip and Palate Association Meeting Annual Meeting; 2017 March 15. Colorado Springs, CO
10. Figy SC; Selkirk W; Most M; Stauff M; Castle J. Islandized latissimus dorsi muscle flap with contralateral trapezius advancement flap for mid thoracic spinal reconstruction after metastatic liposarcoma en-bloc resection. American Medical Association Research Symposium Poster Competition; 2017 Nov 10. Honolulu, HI
11. Figy SC. Plastic surgery emergencies. Emergency Medicine Residency Education

- Conference; 2018 April 4
12. Figy SC. This week in SCORE: Topics in Plastic Surgery. General Surgery Core Curriculum Educational Conference; 2018 May 4
 13. Figy SC. Fundamentals of care for the transgender patient. Plastic Surgery Grand Rounds; 2018 June 14. Bay State Medical Center
 14. Figy SC. Peripheral nerve pain: prevention and surgical approaches in functional limb preservation. Ortho Grand Rounds; 2019 Dec. 9. University of Nebraska Medical Center
 15. Figy SC. Lymphedema. UNMC Plastic Surgery Grand Rounds; 2020 Jan. 22. University of Nebraska Medical Center
 16. Figy SC. Wound care for primary care. Clarkson Family Medicine residents and faculty; 2020 Jan. 22. University of Nebraska Medical Center
 17. Figy SC. Fundamentals of care for the transgender patient. Emergency Medicine Grand Rounds; 2020 Jan. 9. University of Nebraska Medical Center
 18. Figy SC. Surgical treatment of lymphedema. General Surgery Grand Rounds; 2020 Feb. 19. University of Nebraska Medical Center

PUBLICATIONS

A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Chatterjee A, Holubar SD, Figy S, Chen L, Montagne SA, Rosen JM, Desimone JP. Application of total care time and payment per unit time model for physician reimbursement for common general surgery operations. *J. Am. Coll. Surg.* 214 : 937-42. 2012
2. Kenchadze G, Pipia I, Demetrashvili Z, Botezatu A, Marakutsa E, Raileanu R, Trischuk V, Elzakaky N, Elkayal E, Shawky A, Elgendi A, Espinosa-De-Los-Monteros A, Arista-De La Torre L, Avendaño-Peza H, Zamora-Valdes D, Gomez-Arcive Z, Elnecave-Olaiz A, Yap Y, Lee HJ, Nallathamby V, Ong WC, Lim J, Lim TC, Dunn R, Figy S, Shkreta A, Karam A, Cahan M, Shepetko E, Fomin P, Garmash D, Kurbanov A, Yanyuk S, Kozak Y, Fischer J, Basta M, Wink J, Kovach S, Szotek P, Megha R, Stanton K, Ziegler M, Fecher A, Streib E, L. Incisional Hernia: Plastic Aspects, Component Separation, Technical Details & Pediatrics. *Hernia.* 19 Suppl 1: S187-94. 2015
3. Figy SC; Laatsch C. Plastic surgery caucus pushes for patient and professional friendly changes at the American Medical Association. *Plastic Surgery News.* 2018 Sep
4. Figy SC; Rochlin D; French C; Laatsch C. Plastic surgeons weigh-in on economic discussions at AMA meeting. *Plastic Surgery News (PSN).* 2020 Jan; American Society of Plastic Surgery. Vol. 31 (1)

B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS

Not Applicable

E. CHAPTERS IN BOOKS

1. Figy SC; McIntyre JK. Irwin and Rippe's Intensive Care Medicine. 8. LWW; 2016. Chapter 46, Burn management
2. Figy SC; Valerio IL. Handbook of Lower Extremity Reconstruction. New York: Springer, Cham; 2020. Chapter 10, Amputation principles and targeted muscle reinnervation

F. BOOKS OR JOURNALS EDITED

Not Applicable

G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS

Not Applicable

H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE

Not Applicable

I. PUBLISHED CONTINUING EDUCATION MATERIALS

1. Rucks EA; Dave RS; Kornitsky AF; Figy SC; Dowdall JR. Proposal Curriculum Enhancement Rotation (CER): LGBT2SQIA+ Patient Education. University of Nebraska, Omaha. 2020 Feb

J. EDITORIALS

Not Applicable

K. CONFERENCE PROCEEDING

Not Applicable

COMMUNITY SERVICE

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| 2008 - 2012 | Medical student, Assist with a pre-clinical/clinical community care student clinic for the homeless, Mildred Bayer Clinic for the Homeless |
| 2005 - 2008 | Volunteer EMT-B, Provided emergency medical assistance for the town of Colonie, NY, Town of Colonie, NY |

