

## **MENTORING & LEADERSHIP EXPERIENCE**

<b>President &amp; Founder of the ACS BIOT Mid-Atlantic Student Chapter</b> – UD	2015-present
Instituted the first regional graduate student chapter in the US, as part of the ACS BIOT Division.	
Organized and directed networking and career development events for grad students seeking industrial careers.	
<b>Undergraduate Research Advisor</b> – UD	2014-2017
Supervised independent research projects of multiple undergraduate students.	
<b>Teaching Associate</b> – UD	2014-2016
Contributed to undergraduate core and elective chemical engineering class instruction.	
<b>Vice President &amp; Community Service Coordinator</b>   Chem. Eng. Honor Society – RPI	2011-2012
Developed outreach programs designed to stimulate young students' interests in various STEM fields.	
<b>Engineering Ambassador</b> – Chinese University of Hong Kong (CUHK)	2011-2012
Promoted undergraduate engineering programs of CUHK to underrepresented high school students.	
<b>YMCA Lifeguard Supervisor</b> – Lincoln, Rhode Island	2007-2010
Managed summer camp swim programs and maintained aquatic facility.	

## **HONORS, AWARDS, & FELLOWSHIPS**

<i>Dr. Morton and Donna Collins Chemical Engineering Fellow</i>	2013-2014
<i>NIH Chemistry-Biology Interface Traineeship</i>	2012-2014
<i>Dean Scholar, RPI</i>	2008-2012
<i>RPI Medalist Award – Outstanding Achievement in Math &amp; Science</i>	2008
<i>Valedictorian, Charles E. Shea High School</i>	2008

## **PUBLICATIONS**

**Munsell EV**, Ross NL, Sullivan MO. 2016. Journey to the center of the cell: current nanocarrier design strategies targeting biopharmaceuticals to the cytoplasm and nucleus. *Curr. Pharm. Des.* 22(9): 1227-44.

Ross NL, **Munsell EV**, Sabanayagam C, Sullivan MO. 2015. Histone-targeted polyplexes avoid endosomal escape and enter the nucleus during postmitotic redistribution of ER membranes. *Molec. Ther. Nuc. Acids.* 4: e226.

Sakowski EG, **Munsell EV**, Hyatt M, Kress W, Williamson SJ, Nasko DJ, Polson SW, Wommack KE. 2014. Ribonucleotide reductases reveal novel viral diversity and predict biological and ecological features of unknown marine viruses. *Proc. Natl. Acad. Sci.* 111(44): 15786-91.

## **SELECTED PRESENTATIONS**

**E.V. Munsell**, M.O. Sullivan, “Histone-targeted gene transfer leads to enhanced MSC differentiation with 100-fold reduced BMP-2 dosing for bone regenerative applications.” (Seminar) 253<sup>rd</sup> ACS National Meeting, SF, CA, 04/17.

**E.V. Munsell**, M.O. Sullivan, “Histone-Targeted Gene Delivery Carriers for Bone Regeneration.” **Invited Seminar**, Gordon Research Seminar: Drug Carriers in Medicine & Biology, Waterville Valley, NH, 08/06/16.

**E.V. Munsell**, N.L. Ross, M.O. Sullivan, “Importin-4 regulates gene delivery by enhancing nuclear retention and chromatin deposition by polyplexes.” (Seminar) 251<sup>st</sup> ACS National Meeting & Exposition, San Diego, CA, 03/17/16.

**E.V. Munsell**, N.L. Ross, M.O. Sullivan, “Histone-Targeted Gene Delivery Scaffolds for Bone Regeneration.” **Poster Contest Winner**, 8<sup>th</sup> Frontiers at the Chemistry Biology Interface Symposium, Baltimore, MD, 05/16/15.

## **ACTIVITIES & AFFILIATIONS**

**RPI Student Exchange** | CUHK International Summer School student, studying Mandarin and Chinese philosophy  
**RPI Exploring Engineering Day** | Coordinated educational outreach activity to elementary school students  
**TBII (Tau Beta Pi)** | Engineering Honor Society  
**ΩXE (Omega Chi Epsilon)** | Chemical Engineering Honor Society  
**American Chemical Society (ACS)** | National Member