REID R. SACCO
ADOLESCENT & YOUNG ADULT
(AYA) CANCER PROGRAM
2016
ANNUAL REPORT

Tufts Medical Center
The **Reid R. Sacco Adolescent & Young Adult (AYA) Cancer Program** at Tufts Medical Center was established in 2013 to provide age-appropriate, comprehensive care to adolescents and young adults with a history of cancer.

### Report Overview

- **Director’s Message**
  - p.3
- **Our Patient Population**
  - p.4
- **Program Team**
  - p.5
- **Model of Care**
  - p.6
- **Cardio-Oncology Program**
  - p.7
- **AYA Collaboration with New England Cancer Specialists**
  - p.8
- **Thank you to our Supporters & Collaborators**
  - p.17
- **Contributions to AYA Research**
  - p.9
- **Training Future Providers**
  - p.10
- **Summer Scholar Accomplishments**
  - p.11
- **AYA Program & Research Dissemination**
  - p.12-13
- **AYA Awareness at Boston-area Universities**
  - p.14
- **3rd Annual Program Lecture**
  - p.15
- **Connect with Us**
  - p.16
On behalf of the Reid R. Sacco Adolescent & Young Adult Cancer Program, I am very pleased to share with you our 2016 Annual Report, summarizing the work of the program over its fourth year. We do hope you’ll spend a moment to review the image on the report’s cover. Each of the squares was designed by one of our patients or staff at a program gathering, which I sewed together to make a program quilt.

This was a transition year for us. Two of our inaugural program members, Dr. Erin Barthel and Program Coordinator, Tully Saunders, moved on to new and exciting opportunities. At the same time, we welcomed new additions to the AYA Program team, Annmarie Conroy and Dr. Jenica Upshaw. Annmarie is a pediatric nurse practitioner with extensive experience in pediatric hematology/oncology. She oversees the transitioning of patients from the Division of Pediatric Hematology/Oncology at the Floating Hospital to the AYA Clinic. Dr. Upshaw, an adult cardiologist, is the medical director of the nascent Cardio-Oncology Program at Tufts Medical Center. She regularly attends the AYA Clinic with a focus on preventive cardiology, screening, and management of therapy-induced heart dysfunction.

This year we were delighted to host Dr. Wendy Stock at our annual lecture. Dr. Stock shared the incredible progress she and her adult and pediatric colleagues have made in the treatment of newly diagnosed acute lymphoblastic leukemia in the AYA age group. Modeling on this success, we are also collaborating to find best treatments for AYAs with Hodgkin lymphoma. We outline several other ongoing research initiatives within the program, and hope you enjoy reading about them. We were pleased to host seven AYA Summer Scholars this year, who brought incredible dedication, insight, and creativity to the program.

Finally, hats off to our Education & Outreach Coordinator, Rachel Murphy-Banks, who has managed our social media presence, has helped organize AYA peer gatherings, and has connected with numerous area universities to increase AYA cancer awareness.

We hope you enjoy this summary of our activities and thank you for your continued interest and support.

Warm regards,

Susan Parsons, MD, MRP, Medical Director, Reid R. Sacco AYA Cancer Program
Our Patient Population

In 2016 we continued to welcome new patients to our program, including AYAs who had recently completed active treatment and AYAs who had previously been lost to follow-up care. Patients had been treated at Tufts Cancer Center as well as other hospitals.

The adolescents and young adults who receive their long-term follow-up care with our AYA Program range in age from 15 to 39 years which matches the AYA age spectrum defined by the National Cancer Institute. Thanks to an expansion into adult survivorship at Tufts Medical Center (a separate clinic date for adults aged 40 or older), AYAs who currently receive their care with us are able to remain with their survivorship specialist through the years ahead.

Below we share select characteristics of our unique patient population to highlight the extensive reach of our survivorship care.

**Range of Diagnoses**

- Brain tumors
- Breast cancer
- Leukemias
- Lung cancer
- Lymphomas
- Nasopharyngeal cancer
- Neuroblastoma
- Renal tumors/Wilms tumor
- Sarcomas (Ewing’s-, Osteo-, Rhabdomyo-, STS)

**Age at Diagnosis (Years)**

0-14

15 – 32

77% of our current patient population were diagnosed in childhood (0-14 years), while 23% were diagnosed at age 15 or older.

**Gender Distribution**

56%

44%

We care for nearly the same number of male and female patients.
Patients benefit from receiving care provided by a diverse team with a vast range of experience. Our survivorship specialists include pediatric- and adult-trained oncologists and oncology nurse practitioners. The care team is supported by our Education & Outreach Coordinator and Peer Navigator.

Survivorship Specialists

**Susan Parsons**, MD, MRP, Medical Director, has over 25 years of experience as a board certified pediatric Hematologist/Oncologist. She is Associate Director of Tufts Cancer Center and Professor at Tufts University School of Medicine (TUSM).

**Anita Kumar**, MD, MSCE, is an adult trained Oncologist with a special interest in hematologic malignancies. Dr. Kumar also cares for patients on active treatment in the Tufts Cancer Center. She is an Assistant Professor at TUSM.

**Nadine Linendoll**, PhD, MDiv, GNP, is an adult trained Oncology Nurse Practitioner. She has experience in pastoral care and specializes in the care of individuals with brain and spinal tumors within Tufts Cancer Center. She is an Assistant Professor at TUSM.

**Annmarie Conroy**, RN, PNP, has been a pediatric nurse for nearly 30 years and continues to care for patients at the Floating Hospital for Children in Pediatric Hematology/Oncology. She joined the AYA team in Spring 2016.

Survivorship Support

**Rachel Murphy-Banks**, MA, schedules appointments and welcomes patients in the clinic. As Education & Outreach Coordinator, she manages the program’s social media and assists in organizing AYA gatherings along with collaborating on educational talks.

**Ming Lin**, BA, our program’s Peer Navigator has built long-lasting relationships with AYAs. He supports patients as needed, from sending follow-up reminders to coordinating visits with financial services.
Model of Care

Our team-based approach to care ensures every AYA receives the appropriate level of survivorship care, based on their individual needs. A tailored Survivorship Care Plan, consisting of a Treatment Summary and an actively updated Follow-Up Care Plan, assists patients in managing initial and late effects of therapy.

Treatment Summary
The entire medical record is reviewed and then synthesized, using national oncological organization templates, into a portable document outlining cumulative chemotherapy dosages, radiation dosages and surgeries.

Follow-Up Care Plan
The comprehensive plan lists current health issues, potential concerns being monitored, when visits/exams should be completed, when they were last completed and which specialist to go to, for which visit. A simulated plan is presented below.

Survivorship Care
We believe survivorship care is a distinct phase within the cancer care continuum and incorporate the four pillars set forth in the 2006 Institute of Medicine report, *From Cancer Patient to Cancer Survivor: Lost in Transition*,

- **Prevention and detection** of new cancers and recurrent cancer
- **Surveillance** for cancer spread, recurrence or second cancers
- **Intervention** for consequences of cancer and its treatment
- **Coordination** among specialists and primary care providers to ensure that all of the survivor’s health needs are met

| John Smith: MRN 123456, DOB 11/19/1981 |
| Health History: Diagnosed at age 23 with Hodgkin Lymphoma. |
| Treated with Doxorubicin (310MG/M2), Bleomycin, Vinblastine, Dacarbazine and mediastinal radiation 25Gy. |
| Current Diagnosis: Hypothyroidism (E03.9), Asthma (J45.9) |

<table>
<thead>
<tr>
<th>Organ System</th>
<th>Test</th>
<th>Indication</th>
<th>Time Interval</th>
<th>Last Completed/Plan</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiac</td>
<td>ECHO</td>
<td>Surveillance; Risk of cardiomyopathy</td>
<td>At baseline, and then, annually</td>
<td>6/6/16 Next appt: 6/16/17</td>
<td>AYA/Dr. Cardiac</td>
</tr>
<tr>
<td></td>
<td>EKG</td>
<td></td>
<td>As clinically needed</td>
<td>6/6/16</td>
<td>AYA/Dr. Cardiac</td>
</tr>
<tr>
<td></td>
<td>BMI</td>
<td></td>
<td>At every visit</td>
<td>6/6/16</td>
<td>AYA/Dr. Cardiac</td>
</tr>
<tr>
<td></td>
<td>Blood pressure</td>
<td></td>
<td>At every visit</td>
<td>6/6/16</td>
<td>AYA/Dr. Cardiac</td>
</tr>
<tr>
<td></td>
<td>Fasting lipid profile</td>
<td></td>
<td>Annually</td>
<td>6/6/16</td>
<td>AYA/Dr. Cardiac</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>Pulmonary Function Tests (PFT)</td>
<td>Surveillance; Asthma</td>
<td>Annually</td>
<td>6/6/16 Next appt: 6/16/17</td>
<td>AYA</td>
</tr>
<tr>
<td>Endocrine</td>
<td>Thyroid Screening Labs</td>
<td>Surveillance</td>
<td>Annually</td>
<td>6/6/16 Next appt: 6/16/17</td>
<td>Dr. Lungs, Tufts MC</td>
</tr>
<tr>
<td>Dermatology</td>
<td>Total Body Skin Exam (especially in irradiated areas)</td>
<td>Surveillance</td>
<td>Annually</td>
<td>3/8/16</td>
<td>Dr. Mole, Tufts MC</td>
</tr>
<tr>
<td>Dental</td>
<td>Cleaning and Exam</td>
<td>General Wellness</td>
<td>Every 6 months</td>
<td>4/10/16</td>
<td>Dr. Tooth/Patient</td>
</tr>
<tr>
<td>Immunizations</td>
<td>Annual Flu Shot</td>
<td>General Wellness</td>
<td>Annually</td>
<td>1/11/16</td>
<td>Dr. PCP/Patient</td>
</tr>
</tbody>
</table>
Our established coordinated provider network, which includes referrals to endocrinology, dermatology, colorectal, breast health, genetics, gynecology, nephrology, neurology, neuropsychology, psychiatry, ophthalmology, and primary care physicians, expanded to cardio-oncology in 2016.

Tufts Medical Center’s Cardiovascular and Cancer Centers joined together to create a specialized Cardio-Oncology Program, led by Dr. Jenica Upshaw.

**Dr. Upshaw**

Dr. Upshaw is an Attending Physician in the Advanced Heart Failure Program, in addition to being Medical Director of the Cardio-Oncology Program.

Board certified in Cardiovascular Diseases, Echocardiography, Internal Medicine and Nuclear Cardiology, Dr. Upshaw is an Assistant Professor at TUSM.

**Impact for AYAs**

AYAs who have been treated with anthracycline and/or alkylator chemotherapy and/or radiation are at increased risk for cardiovascular late effects such as heart failure and coronary artery disease.

Patients who are at risk are monitored with ECHO and EKG diagnostic testing and, when warranted, are referred to Dr. Upshaw.

Dr. Upshaw joins the AYA clinic on select Mondays, providing patients with the convenience of having their AYA visit followed by their cardio-oncology visit, in the same space!
AYA Collaboration with New England Cancer Specialists

In March of 2016, Tufts Medical Center announced a clinical affiliation with New England Cancer Specialists (NECS), the largest provider of cancer services in Maine. Soon thereafter the AYA Program team began working with NECS to scale and export Survivorship Care Plans to effectively provide individualized survivorship care to a large number of people.

Treatment Summaries (Passport for Care© templates for pediatric survivors and modified American Society of Clinical Oncology templates for young adult/adult survivors) and Care Plan templates have been created for survivors of breast cancer, head & neck cancer and lymphoma. Of note, these templates have been successfully embedded in the Tufts MC and NECS electronic medical records making them part of each patient’s permanent record and available to the patient’s other providers.

We look forward to continuing our partnership in 2017!

Sample Breast Cancer Template

<table>
<thead>
<tr>
<th>Patient Name (MRN 0000000 DOB 01/01/0000)</th>
<th>Initial Survivorship Care Plan</th>
</tr>
</thead>
</table>

**Health History:** Early stage breast cancer (Hormone receptor status) (Menopausal status) (Node status)

**Treatment:** (Surgical approach), RT (dose), chemotherapy (agents, cumulative doses), hormone therapy (agent)

**Current diagnoses:**

<table>
<thead>
<tr>
<th>Organ System</th>
<th>Test</th>
<th>Indication</th>
<th>Time Interval</th>
<th>Last Completed/Plan</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiac</td>
<td>ECHO</td>
<td>Risk of cardiomyopathy (Tx with anthracycline, trastuzumab, chest radiation); vascular heart disease (chest radiation)</td>
<td>Every 6 months; for 1st year off Tx, then annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TD5</td>
<td>Risk of cardiac dysfunction (Tx with anthracycline)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body Mass Index</td>
<td></td>
<td>Modifiable cardiac risk factors</td>
<td>Annually¹</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blood Pressure</td>
<td></td>
<td></td>
<td>Every 2 years¹</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fasting glucose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lipid profile</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breast Health</td>
<td>Mamogram +/- MRI</td>
<td>Breast cancer surveillance screening</td>
<td>6-12 mo after RT, then annually²</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Screening cessation</td>
<td>Healthy diet Exercise</td>
<td>Risk reduction strategies</td>
<td>Daily routine²</td>
<td></td>
</tr>
<tr>
<td>Pulmonary</td>
<td>Pulmonary Function Test</td>
<td>Risk of pulmonary pneumonitis or fibrosis (chest radiation)</td>
<td>Baseline and then as clinically indicated¹</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ophthalmic</td>
<td>Eye examination</td>
<td>Tx with tamoxifen</td>
<td>Every 6-12 mo³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermatologic</td>
<td>Skin exam</td>
<td>Chest radiation</td>
<td>Annually⁴</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endocrine</td>
<td>TSH &amp; thyroglobulin exam</td>
<td>Chest radiation (if history included thyroid gland)</td>
<td>Annually⁴</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reproductive evaluation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Musculoskeletal</td>
<td>QMRA scan</td>
<td>Evaluate bone mineral density (Tx with aromatase inhibitor)</td>
<td>Annually⁴</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gynecologic</td>
<td>Gynecologic assessment (Pap smear exam)</td>
<td>Risk of endometrial cancer (Tx with tamoxifen)</td>
<td>Annually⁴</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cancer screening</td>
<td>Colonoscopy</td>
<td>Age-based guidelines</td>
<td>As clinically indicated¹</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lung</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General Wellness Guidelines:** We recommend that you receive the following medical care, as part of general healthy living.

Your primary care provider can answer any questions that you may have and help you determine a care plan that is best for you.

- Dental cleaning every 6 months¹
- History and physical exam periodically as clinically appropriate for 5 years, then annually³
- Vaccinations³
  - Tdap once and then Td every 10 years
  - HPV series once for patients ≤26 years
  - Influenza vaccine every year
  - Pneumococcal vaccine every 3 to 5 years, as indicated

Next appointment:
Conducting and contributing to AYA-focused research has been a fundamental aspect of the AYA Program since our inception in January 2013. Over the past year Dr. Parsons and members of the AYA team have had the opportunity to work on national clinical trials as well as studies generated by our program.

**National Study Participation**

- **Children’s Oncology Group (COG): Phase III clinical trial: Comparing outcomes of patients with newly diagnosed advanced stage Hodgkin Lymphoma (HL)**
  - Dr. Parsons is Co-Principal Investigator, with Dr. Tara Henderson of the University of Chicago, on two embedded studies focused on 1) the economics of a novel cancer treatment and 2) functional consequences of chemotherapy-induced peripheral neuropathy.

- **Children’s Oncology Group (COG): Early Stage, Unfavorable HL, aimed at AYAs**
  - Dr. Parsons is leading an embedded study of financial toxicity for AYAs receiving initial treatment for lymphoma.

- **Eastern Cooperative Oncology Group (ECOG): E5103 Long Term Survivorship in Breast Cancer patients (in development)**
  - This study seeks to understand the association between early toxicity and delayed toxicity, and between peripheral and central neurotoxicity.

**AYA Program Generated Research**

- Measuring adherence to Survivorship Care Plans and impact of:
  - Referral patterns
  - Psychological status
  - Existing late effects

- Transitions in testing: how pediatric vs. adult ECHOs are interpreted

- Developing screeners for neuro-cognitive and psychological functioning

- Cancer prevention: *How to engage survivors in cancer prevention and a healthy lifestyle?*
  - Human Papillomavirus (HPV) vaccination
Medical students are provided with the opportunity to participate in our program over the summer, to fulfill their 1st or 2nd year selective or 4th year elective. We always look forward to welcoming new members who will bring their experience with AYA oncology into their future careers.

This past summer, the AYA Program team doubled in size when seven talented students joined us as Summer Scholars, four of whom had worked with the program in a previous capacity. Each scholar worked on a research project and/or shadowed our survivorship specialists in clinic.

Becca Burns,
Former AYA Peer Navigator, Rush University, M19

Megan Zinsky,
AYA Spring 2016 Selective, TUSM, M19

Tobi Henzer,
Washington U. in St. Louis, BA18

Lisa Bartucca,
AYA Fall 2015 Selective, TUSM, M19

Emily Anderson,
TUSM, M19

Lauren Boehm,
TUSM, M19

Sabrina Karim,
Former AYA Peer Navigator, U. of Pittsburgh, M19

Emily Anderson,
TUSM, M19

Training Future Providers
Summer Scholar Accomplishments

The Summer Scholars’ contributions have resulted in dynamic outcomes that bring the Reid R. Sacco AYA Cancer Program at Tufts Medical Center to the attention of diverse audiences and contribute to advancing quality cancer care.

As of December 2016

- Accepted abstract at the 2nd Annual American Society of Clinical Oncology Survivorship Symposium
  - Development of phase-specific breast cancer survivorship care plans (SCPs)
  - Research team: Drs. Parsons, Tracey Weisberg; Lauren Boehm; Arlene O’Rourke, MSN, ANP; Drs. Angie Mae Rodday, Linendoll, John Erban
  - January 2017
- Institutional Review Board approved Human Papillomavirus (HPV) vaccination protocol
  - Pilot Study of HPV Vaccination Adherence in Adolescent and Young Adult Cancer Survivors
  - Conceptualized by Dr. Parsons and Becca Burns
- Manuscripts in development
  - Emily Anderson, Lisa Bartucca and Megan Zinsky

Dr. Anita Kumar at ASH

- 58th American Society of Hematology (ASH) Annual Meeting
- Patient and Hospital Characteristics Associated with Increased Length of Stay for Patients with Acute Myeloid Leukemia (AML): An Analysis from the 2012 National Inpatient Sample (NIS)
- Research team: Dr. Kumar; Tobi Henzer; Drs. Rodday, Parsons
- December 2016

Sabrina Karim at AMA

- 14th Annual American Medical Association (AMA) Research Symposium
- Winner: Medical Student Section Clinical Outcome/Healthcare Improvement
- The Impact of Screening Mammograms (SM) on Timeliness to First Receipt of Treatment
- Research team: Sabrina Karim; Drs. Amber Barnato, Jinghui Dong, Parsons
- November 2016
AYA Program & Research Dissemination

Various modalities, including conference posters, our first webinar, published studies and presentations, were utilized to share facets of our program and the research conducted by the AYA Program team.

Conference Posters

**Drs. Linendoll and Parsons**
- Inaugural American Society of Clinical Oncology Survivorship Symposium
- Variation among follow-up survivorship guidelines for adolescents and young adults
- Research team: Drs. Barthel, Parsons; 2015 Summer Scholars Katherine Spencer, Darcy Banco, Elizabeth Kiernan
- January 2016

**Tully Saunders, Rachel Murphy-Banks, and Ming Lin**
- 7th Annual Patient Navigation/Community Health Workers Conference
- The Dynamic Role of a Peer Navigator across the Cancer Care Continuum
- May 2016

**Dr. Julie Fu**
- 58th American Society of Hematology (ASH) Annual Meeting
- Assessing the Risk of Cardiac Toxicity after Contemporary Treatment for Hodgkin Lymphoma (HL): A Multidisciplinary Systematic Review
- Research team: Drs. Fu, Upshaw, Michael Kelly, Joshua Cohen; Tully Saunders; Drs. Andrew Evens, Parsons
- December 2016
AYA Program & Research Dissemination

Webinar

The Survivorship Care Plan template collaboration between the AYA team and NECS (p. 8) was shared in a nationwide webinar, hosted by The George Washington University Cancer Center. Presented in December by Drs. Parsons and Linendoll of the AYA Program, and Dr. Weisberg and Arlene O’Rourke, MSN, ANP, of NECS, the webinar reached over 150 participants.

Publications

Two abstracts presented at the 2016 Inaugural American Society of Clinical Oncology Survivorship Symposium were accepted for publication!

- *Is the Adolescent and Young Adult Cancer Survivor at Risk for Late Effects? It Depends on Where you look.*
  - Journal of Adolescent and Young Adult Oncology, Volume 5, Number 2, 2016
  - Dr. Barthel; Katherine Spencer; Darcy Banco; Elizabeth Kiernan; Dr. Parsons

- *Health-related quality of life in Hodgkin lymphoma: a systematic review*
  - Health and Quality of Life Outcomes, (2016) 14:114
  - Authors: Dr. Linendoll; Tully Saunders; Becca Burns; Jonathan Nyce; Drs. Kristen Wendell, Evens, Parsons

Presentations

Collectively, the AYA Program team gave 14 in-person presentations introducing, or furthering, awareness of AYA cancers and our program. Results of these presentations include patient referrals and financial donations. We thank all of our presentation attendees for their interest and engagement in AYA oncology.

Audiences included

- Tufts Medical Center staff
  - Hematology/Oncology fellows
  - Radiation Oncology staff
- Boston-area nurses attending a Bone Marrow Transplant seminar
- Nursing students from Lawrence Memorial/Regis College
- Children’s Cancer Awareness Club of Chelsea High School
- High School members of the Reid R. Sacco AYA Cancer Alliance
- Tufts University School of Medicine interest groups
  - Internal Medicine
  - Pediatrics
  - Kids in Care at The Floating Hospital & TUSM Student Allies (KICS)
- Boston-area undergraduates (p.14)
AYA Awareness at Boston-area Universities

Building on our successful 2015 outreach efforts to educate Tufts University School of Medicine students about AYA cancers and survivorship, we expanded our scope to include Boston-area colleges and universities in the fall of 2016.

Goals of the Talk Included

- Emphasizing that young adults are not immune to a cancer diagnosis
  - ‘Make your health a priority’: seek medical attention if having symptoms that do not relent; engage in a healthy lifestyle to reduce risk of cancer (i.e., no smoking)
- Expanding understanding that cancer is not just biological, but has far-reaching psychological and social impacts that do not necessarily end when treatment does
- Introducing the concept of survivorship and the care provided by the AYA Program

Invited Guest Lecturer

The process kicked-off when our Education and Outreach Coordinator, Rachel Murphy-Banks, asked a question regarding AYAs while attending Professor Danielle Hartigan’s talk *Trends in Cancer Survivors’ Patient-Centered Care Experience*. After providing an overview of the AYA Program and disclosing her personal experience with cancer, Rachel was invited to speak in Professor Hartigan’s course about the young adult cancer experience, leveraging her professional and personal experience with AYA cancer. Rachel then contacted professors at area schools offering to give this talk. She received invitations from:

- Bentley University: Health Psychology, Professor Hartigan, PhD
- Northeastern U: Sociology of Health and Illness, Professor Laura Senier, PhD
- Northeastern U: Health Communications for the Medical Professional, Professor Pauline Hamel, EdD, PT
- Emmanuel College: Health Psychology, Professor Laura Lin, PhD

Students have described the presentation as *eye-opening, informative, insightful* and *relatable*. Rachel looks forward to continuing these talks in the spring of 2017!

Student Feedback

“Thank you so much for coming to talk to us about this topic. My roommate got cancer our sophomore year and it was a terrifying experience as her close friend, to see what she went through. She was declared cancer-free last summer (yay!) and I am definitely going to show her this website.”

“You should be aware of what your body is telling you and go to the doctor if you think something is wrong.”

“In my mind, it was like once you’re cancer-free, you’re good, but today helped me realize there is much more to it.”

“My brother was diagnosed at 19 so I watched him go through the same process. It was a relief to hear that others share the same experience and there are resources for him.”

“I had never heard anyone talk about young adult cancer, ever. I learned a lot about the thought process and impact on an individual’s life.”

“I will take away knowing that cancer can effect anyone, even people my age.”

“I feel like you emphasized the importance of having a support system not just while you are going through cancer treatment, but even after the fact. Knowing that a program now exists with this specific age group in mind is amazing.”
The Reid R. Sacco Adolescent & Young Adult Cancer Program was thrilled to host Dr. Stock, of the University of Chicago Medicine, as our third annual lecture speaker on November 4, 2016.

Dr. Stock is a leading expert in the treatment of hematologic malignancies in adults. She spoke at Cancer Center Grand Rounds and Medical Center Grand Rounds, and shared her success at treating AYAs with acute lymphoblastic leukemia using pediatric regimens.

Our annual lecture series aims to promote awareness and education about Adolescent and Young Adult cancers. Based on feedback from medical center staff, AYA Program supporters and patients who attended the talks, Dr. Stock generated interest and further understanding of the complexities in treating AYAs with cancer.
Connect with Us

Our AYA Program’s online presence strives to act as an AYA survivorship resource. We post information written by and for AYAs, events, program activities and links to our blog posts.

Like us on Facebook /AYAcancerProgram, read our blog, ayacancerprogram.tuftsmedicalcenter.org/blog and check out our Instagram @AYAProgramatTuftsMC account.

We also have a quarterly e-newsletter, AYA Community Connection. Please email ayaprogram@tuftsmedicalcenter.org to sign up for your copy!
Thank You
to our Supporters & Collaborators

Tufts Medical Center

REID R. SACCO ADOLESCENT AND YOUNG ADULT CANCER ALLIANCE

The Wills Family

The Perry Family

Floating Hospital for Children
at Tufts Medical Center

Children’s Cancer Awareness Club
Chelsea High School
Chelsea, MA

NEW ENGLAND Cancer Specialists

U.S.A. North Shore Swim Meet Invitational

CONQUER Cancer Foundation
of the American Society of Clinical Oncology

THE DUNKIN’ DONUTS & BASKIN-ROBBINS COMMUNITY FOUNDATION
serving our neighborhoods.

LIVESTRONG

New England Quality Care Alliance
Affiliated with Tufts Medical Center