Duke IHI Open School Chapter

A look back at recent accomplishments...and forward to future successes
Chenwei Wu, BA; YiDing Yu, BA; Dori Taylor Sullivan, PhD; Karen Frush, MD

Chapter Mission Statement

The missions of the Chapter are four-fold:
• To further the understanding and commitment among health professions students to improve the safety, quality and efficiency of patient care locally, nationally and globally.
• To promote interdisciplinary training and collaboration across health-related professions at Duke (e.g. medicine, nursing, health sector management, public health & policy, law, etc.), enhance non-technical skills (i.e., teamwork and communication), and integrate core concepts of improvement science into health professions education.
• To empower health professions students to become change agents in their respective fields.
• To achieve these objectives by leveraging the international resources of the IHI and by seeking stronger integration with established Duke programs and institutions.

Chapter Activities

Chapter activities revolve around our mission statement and the interests of our members, and aim to address the needs of our health system.
• Monthly Open School Guest Lecture Series
  • Informal presentations and discussions with Duke students led by distinguished speakers from the Research Triangle Park community.
• Quality Improvement Projects
  • Implementation of WHO Surgical Checklist at DUMC.
  • In development: Plan to streamline and enhance Duke Student Heath online appointment scheduling portal.
• Curriculum Improvement
  • Participation by chapter members in Student Advisory Group for SOM Clinical Core course with direct input into content of Patient Safety Week curriculum.
• Regional Collaboration
  • Continued outreach to additional NC state quality improvement professionals both civilian and military.
  • Successful 1st North Carolina IHI Open School Regional Forum in January 2010 bringing together members of Duke University, UNC Chapel Hill, NC State University, and Wake Forest University chapters.
  • In development: Series of collaborative projects with UNC Chapel Hill.
• Inter-disciplinary Recruitment
  • Coordination with Duke Fuqua School of Business and School of Nursing public relations staff to advertise chapter events.
  • Membership growth among law, business, and undergraduate students with new officers to represent each.

Open School Guest Speakers

<table>
<thead>
<tr>
<th>Guest Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Khilil Mistry, MD MSc</td>
<td>Patient Safety and Quality Improvement: Where Do You Start?</td>
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<tr>
<td>John Anderson, MD MPH</td>
<td>Improving Health Care Quality at the Front Lines: The Triple Aim</td>
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<tr>
<td>Laura Maynard</td>
<td>Communication and Team-Based Learning: The TeamSTEPPS Method</td>
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<tr>
<td>Tiffany Christensen</td>
<td>A Patient’s Perspective</td>
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<tr>
<td>Victor J. Dzau, MD</td>
<td>Opportunities for Student Leadership</td>
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<tr>
<td>Ed Buckley, MD</td>
<td>A Future of Interdisciplinary Medical Education</td>
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<tr>
<td>Frank Sloan, PhD</td>
<td>Electronic Medical Records, Monitoring Quality Indicators, and the Role of Health Reform</td>
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<tr>
<td>David Needham, PhD</td>
<td>Malpractice and Defensive Medicine</td>
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<td>Medical Innovation and Education from an Engineer’s Perspective</td>
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Who We Are

We are a multidisciplinary team of 180+ health professions students representing fields as diverse as:
• Medicine
  • Engineering
• Nursing
  • Law
• Public Health
  • Medical Informatics
• Public Policy
• Health Sector Management

Recognizing Student Achievements

• Oral presentation entitled “Engaging the Next Generation of Health Care Professionals in Improving Care for Patients” delivered by YiDing Yu at 21st Annual IHI National Forum on Quality Improvement in Health Care.
• Essay by YiDing Yu attained finalist status in 2010 David Calkins Memorial Scholarship essay competition.
• Website by Chris Danford launched at ihi.duhs.duke.edu.

Future Directions

• December 2010: 2nd North Carolina IHI Open School Regional Forum with participation from Duke University, UNC Chapel Hill, NC State University, and Wake Forest University.
• Applied for $5,000 grant to initiate collaborative projects between Duke University and UNC Chapel Hill chapters.
• Planned projects with UNC Chapel Hill include competitive joint case conference, anthology of student QI projects, cross-campus student-faculty mixer, and videoconferencing/recordings of chapter events.
• Ongoing infrastructural improvements including website and multimedia to advertise chapter events.
• Ongoing member recruitment among physical therapy, physician assistant, and other graduate programs.

2010 Timeline

January 2010
1st North Carolina IHI Open School Regional Forum
February 2010
Tiffany Christensen: “A Patient’s Perspective”
April 2010
Frank Sloan: “Malpractice and Defensive Medicine”
May 2010
Michael Steele: “Use of Simulations and Virtual Environments in Health Education”
June 2010
Special screening – John J. Nance: “Lessons for the Wards...from the Flight Deck”
August 2010
Chapter Kick-Off event sponsored by the IHI – Special screening of Don Berwick’s “Escape Fire” speech
John Anderson: “Improving Health Care Quality at the Front Lines: The Triple Aim”
September 2010
Bradi Granger: “An Inter-disciplinary Approach to Translational Research”
October 2010
Katie Brico: “Medical Malpractice, an Attorney’s Perspective”
December 2010
2nd North Carolina IHI Open School Regional Forum

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Acknowledgements

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IHI Open School Leadership Team
• Chenwei Wu, SOM – Chapter Co-President
• YiDing Yu, SOM – Chapter Co-President
• Christopher Danford, SOM – Chapter Leader
• Rachel Shock, SOM – Chapter Leader