



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

BOARD OF TRUSTEES
COMMERCIALIZATION & ECONOMIC
DEVELOPMENT COMMITTEE

MARCH 22, 2017, 2:30PM
ALUMNI HALL II,
GEORGE WATTS HILL ALUMNI CENTER

OPEN SESSION

FOR INFORMATION ONLY

(No formal action is requested at this time)

1. Chair's Remarks
Julia Grumbles, UNC-CH Board of Trustees
2. [Committee Update](#)
*Judith Cone, Vice Chancellor for Innovation, Entrepreneurship,
and Economic Development*
3. Faculty and Student Entrepreneur Panel and Discussion

COMMITTEE MEMBERS

Julia Sprunt Grumbles, Chair
Jefferson W. Brown, Vice Chair
W. Lowry Caudill

Haywood D. Cochrane, Jr.
Donald Williams Curtis
Hari H. Nath

Administrative Liaison:

***Judith Cone, Vice Chancellor for Innovation, Entrepreneurship, & Economic
Development***



THE UNIVERSITY
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UNC Board of Trustee

Committee on Commercialization and
Economic Development - Chair Julia Grumbles

Judith Cone, Vice Chancellor - March 22, 2017

PUTTING IMPORTANT IDEAS TO USE FOR THE PUBLIC GOOD

Three Translational Methods

- ❖ **Use research to stimulate action**
 - Through persuasion, attain better policies, processes, rules, and improve behavioral choices.
 - License IP to industry so they can develop it.
- ❖ **Become part of the innovation generation**
 - Students leave Carolina dedicated to changing the status quo (equipped with the entrepreneurial mindset and skillset, culturally competent, global citizens, makers, data literate).
- ❖ **Create social and commercial enterprises**
 - Faculty, staff, students, and alumni start entities.



Create Social and Economic Value: IP Licensed

HANNAH & Dr. Steven Grey of UNC
Hannah suffers from a rare life-threatening disease



Hannah & Dr. Steve Grey at the NIH

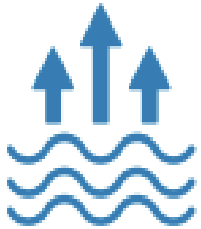


Updates

- ❖ Roadmap 1.0 - 2010-2016 Final Report Completed - <http://innovate.unc.edu/impact/reports/>
- ❖ Roadmap 2.0 - 2017 + Work with BOT, Chancellor, Strategic Framework, Global Council
- ❖ Governor's Innovation-to-Jobs Task Force
 - Venture Capital Multiplier Fund of \$60M
 - Awarded to Hatteras Venture Partners
 - Innovation University Council
- ❖ Carolina Angel Network
 - November 1 start
 - 67 Members
 - First deal – health care informatics \$100K + \$10K
 - Next deal – real estate data analytics
- ❖ NC Dept of Commerce - Board of Science, Technology and Innovation
 - New report on NC's Data Economy (Data Consortium and Data Literacy)
 - Available at: <http://www.nccommerce.com/Portals/6/Documents/Resources/NC%20Big%20Data%20Report.pdf>



WHY SHOULD NORTH CAROLINA TARGET THE DATA ECONOMY?



Fast Growth



Improved Rural Economies



High Wages



Strengthen Companies



Extreme Need

TO BECOME A TOP STATE, NORTH CAROLINA SHOULD:

- ❖ Elevate the data economy to the top tier of economic development priorities.
- ❖ Grow and support the data science startup ecosystem across the state, and promote it nationally.
- ❖ Create a pipeline of data science education and data literacy, K-20+.
- ❖ Position North Carolina as the “Open Data” state.
- ❖ Support world-class data science research in North Carolina.



APPENDIX

GAN Human Clinical Trial Update

**A message from Lori Sames,
Hannah's Hope CEO and Mother of
Hannah:**

We are thrilled that Hannah finally received gene therapy in July. While we cannot comment on the trial, we want you to know that she is doing great, thus far!

We hope that other patients are injected soon. It is likely that GAN patients will need subsequent injections to target other cell types, or perhaps may need a higher dose, so the work of Hannah's Hope is far from over.

We are eternally grateful to everyone who helped us fund this investigational new gene therapy and to Dr. Steven Gray of the UNC Chapel Hill Gene Therapy Center, who worked tirelessly to bring forth this gene therapy.



Hannah & Dr. Steve Grey at the NIH