



CELEBRATING

30

YEARS OF THE

WILLIAM R. KENAN, JR.  
INSTITUTE FOR ENGINEERING,  
TECHNOLOGY AND SCIENCE

A TIMELINE

NC STATE UNIVERSITY

The mission of the Kenan Institute for Engineering, Technology and Science is to develop partnerships in basic research, education, commercialization and public outreach with individuals and organizations dedicated to the advancement of science, engineering and technology as a force in improving the economic and social well-being of the nation and the world.

The organization is small and nimble, always focused on service to its partners. It is impossible to name every partner and participant in the work of KIETS over our

first 30 years, but we want to shine a light on their achievements through this timeline and recognize the significant contributions they have made.





7/31/92

KIETS is established by visionaries **William C. Friday, Frank Kenan,** and **Chancellor Larry Monteith** and located on NC State's Centennial Campus. **Hal Hopfenberg** is named the first director of the Institute.



2/1/94

First time KIETS provides sponsorship for the Emerging Issues Forum led by **Governor Jim Hunt** and Betty Owen. The forum topic that year was "Investing in Health: An American Agenda"



10/1/95

KIETS facilitates the launch of the Park Scholarship Program at NC State with a \$1.2 million grant from the Park Foundation. **The first 25 Park Scholars** are selected, KIETS Associate Director Mark Bensen is appointed as the first director of the Park Scholars Program.



7/1/97

KIETS establishes the Kenan Center for the Utilization of Carbon Dioxide in Manufacturing, an effort led by Ruben Carbonell, and Joe DeSimone.



KIETS moves into new offices in **Partners 1 Building** on NC State's Centennial Campus.

9/1/99

Hal Hopfenberg retires as KIETS founding director and **Ruben Carbonell** is appointed as KIETS Director.



12/23/99

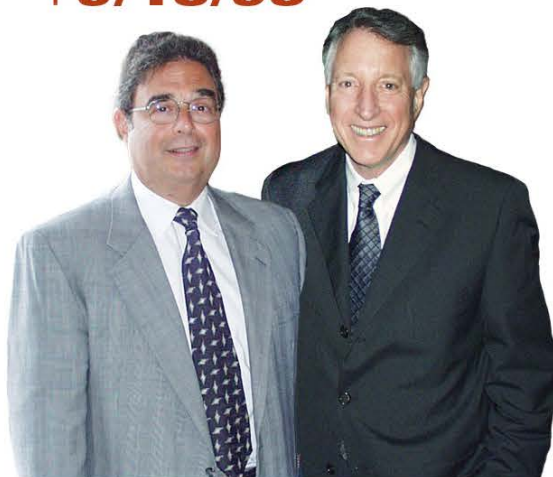
KIETS Leadership Ruben Carbonell and Raj Narayan appointed to lead the NC Governor's Vision 2030 Knowledge and Technical Infrastructure Task Force.



1990s

The first KIETS initiative is the Hoechst Celanese-Kenon Program in Environmental Science and Technology, led by **Ruben Carbonell** and **Hal Hopfenberg**.

9/15/93



The first KIETS Entrepreneurship Initiative is called the Technology, Entrepreneurship and Commercialization (TEC) Program. It launches with support from the National Science Foundation and leadership from NC State's Angus Kington (College of Engineering) and Steve Markham and Michael Zapata (College of Management).

7/1/95

KIETS partners with the NC Biotechnology Center to launch the Collaborative Funding Grants (CFG) program supporting industry-university research efforts in biotechnology throughout the state, working with Charles Hamner and Tom Laundon of NCBC.

7/1/96

KIETS founding Chancellor Larry Monteith retires and is succeeded by **Chancellor Marye Anne Fox**. Raj Narayan joins KIETS and is named Director of the Technology, Entrepreneurship and Commercialization (TEC) Program.

8/1/98



KIETS supports the launch of NC State's first NSF Science and Technology Center for Environmentally Responsible Solvents and Processes with a grant award of \$36 million, led by Joe DeSimone and Ruben Carbonell.

11/1/99



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KIETS establishes the Kenan Center for the Utilization of Carbon Dioxide in Manufacturing, an effort led by Robert Carlsberg, and Joe DeGennaro.



7/1/96

9/1/99

Hal Hupfelsberg returns as KIETS founding director and Robert Carlsberg is appointed as KIETS Director.



11/1/99

12/23/99

KIETS Leadership Ruben Carlsberg and Raj Narayan appointed to lead the NC Governor's Vision 2020 Knowledge and Technical Infrastructure Task Force.



11/1/99

8/9/00

KIETS helps to launch the NSF Center for Innovation Management Studies at NC State's College of Management in collaboration with CIMS Director Al Bean and Assistant Director Steve Markham.



8/2/00

2/14/01

KIETS develops an agreement with the Gordon Research Conferences (GRC) and Director Carl Storm to establish a new program for young investigators, the Gordon-Kenan Graduate Research Seminars.



1/12/01

11/21/01

The first Gordon-Kenan Graduate Research Seminar on Bioinorganic Chemistry is held in Rhode Island and managed by Carl Storm and Gerri Miceli.



2/15/01

7/9/02

KIETS supports the development of the Statistical and Applied Mathematical Sciences Institute (SAMSI), a partnership among Duke (Jim Berger), NC State (Thomas Banks), UNC-Chapel Hill (Stephen Marron), and the National Institute of Statistical Sciences (Alan Karr). SAMSI receives an initial \$10 million grant from the National Science Foundation.



2/11/02

7/1/05

KIETS establishes the Bioseparations/Bioprocessing Development Center (BBDC) to complement the educational role of the Biomanufacturing Training and Education Center (BTEC).



1/1/05

1/1/07

Anita Brown-Graham is appointed Director of the Institute for Emerging Issues.



3/1/07

7/3/07

KIETS establishes a partnership with the Daugherty Entrepreneurship Endowment to support NC State startup companies with leadership from former IBM executive Dick Daugherty and David Wernsted of the NC State Office of Technology Transfer.



10/4/07

1/1/08

KIETS Director Ruben Carlsberg is appointed director of the Biomanufacturing Training and Education Center (BTEC) at NC State.



2/5/08



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KIETS establishes the Institute for Emerging Issues (IEI) at NC State, to enhance the impact of the Emerging Issues Forum. The first director of IEI is Noah Pickus.



1/12/01

KIETS incubates and launches the **NC Space Initiative** under the direction of Chris Brown, in collaboration with NC State Vice Chancellor for Research, UNC General Administration, and NASA.



2/15/01

KIETS launches the Kenan Fellows Program for Curriculum and Leadership Development. The first Director is Deborah Mangum.



2/11/02

The Institute for Emerging Issues holds its first Emerging Issues Forum under KIETS leadership, focusing on "Biotechnology and Humanity at the Crossroads of a New Era" with IEI Director Noah Pickus, Governor Jim Hunt, and Glaxo Smith Kline's CEO Bob Ingram.



1/1/05

New NC State **Chancellor James Oblinger** becomes Chairman of KIETS Board of Trustees.



9/26/06

KIETS supports TEC Program **Accelerating Commercialization of Technology (ACT)** initiative in collaboration with UNC System President Erskine Bowles to enable technology commercialization across UNC system universities.





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The first Gordon-Kenan Graduate Research Seminar on Bioreagents Chemistry is held in Rhode Island and managed by Carl Storm and Gene Mack.

7/9/02

KIETS supports the development of the Statistical and Applied Mathematical Sciences Institute (SAMS), a partnership among Duke Univ (Berger), NC State (Thomas Banks), UNC-Chapel Hill (Stephen Marshall), and the National Institute of Statistical Sciences (Alan Karr). SAMS receives an initial \$15 million grant from the National Science Foundation.

7/1/05

KIETS establishes the Bioprocess/Bioprocessing Development Center (BDOC) to complement the educational role of the Biomanufacturing Training and Education Center (BTEC).

1/1/07

Audie Brown-Graham is appointed Director of the Institute for Emerging Issues.

7/3/07

KIETS establishes a partnership with the Daugherty Entrepreneurship Endowment to support NC State startup companies with leadership from former IBM executive Dick Daugherty and David Winwood of the NC State Office of Technology Transfer.

1/1/08

KIETS Director Ruben Carbonell is appointed director of the Biomanufacturing Training and Education Center (BTEC) at NC State.

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New NC State Chancellor Jeanne Hildegarde becomes Chairman of KIETS Board of Trustees.

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KIETS supports TEC Program Accelerating Commercialization of Technology (ACT) initiative in collaboration with UNC System President Drake Bonales to enable technology commercialization across UNC system universities.

3/1/07

Valerie Brown-Schild appointed as the Director of the Kenan Fellows Program.

10/4/07

With KIETS leverage and leadership from Jim Berger, Alan Karr, and Ralph Smith, the Statistical and Applied Mathematical Sciences Institute (SAMS) successfully renews its \$20 million NSF award and begins collaboration with the Kenan Fellows.

2/5/08

KIETS Associate Director Raj Narayan named as an Eisenhower Fellow to study research, education, commercialization and policy initiatives in Argentina and Brazil.

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2/5/08



<p><b>10/1/08</b></p> <p>KIETS supports the establishment of the NSF <b>Future Renewable Electric Energy Delivery and Management (FREEDM)</b> Systems Engineering Research Center, working with co-directors and professors Alex Huang and Iqbal Hussein of NC State.</p>  <p><b>5/6/08</b></p>	<p><b>6/1/09</b></p> <p>Dr. James Woodward is appointed Interim Chancellor of NC State and Chair of the KIETS Board of Trustees.</p> 	<p><b>12/20/09</b></p> <p>NC State Vice Chancellor for Research Terri Lomax, Assistant Vice Chancellor Chris Brown and KIETS leaders launch the Strategic Research Initiatives Seed Funding (RISF) Program.</p> 	<p><b>4/1/10</b></p> <p>New NC State Chancellor Randy Woodson becomes the Chair of the KIETS Board of Trustees.</p> 	<p><b>7/1/11</b></p> <p>KIETS supports the Springboard Innovation Partnership Portal of the Office of Technology Transfer to help launch new companies based on university intellectual property, and leverage the financial support provided by the Chancellor's Innovation Fund.</p> 	<p><b>12/1/12</b></p> <p>With support from KIETS and the NC State Vice Chancellor for Research, the NC State Nonwovens Institute, directed by Professor Behnam Pourdeyhimi, opens the Pilot Facility for Coatings</p> 
<p><b>12/12/12</b></p> <p>KIETS moves to a new home office in the James B. Hunt, Jr. Library</p> 	<p><b>9/1/13</b></p> <p>Dr. Elaine Franklin is appointed Director of the Kenan Fellows Program.</p> 	<p><b>12/1/13</b></p> <p>KIETS supports NC State Professor Chuan Binbin's research on CRISPR technology which leads to the development of NC State startup company Lotus Biosciences.</p> 	<p><b>5/15/15</b></p> <p>KIETS and the four other Kenan Institutes select 12 grant winners for the Kenan Creative Collaborative Initiatives, including support for Institute for Emerging Issues project, "Innovative NC" to help the growth of rural economies.</p> 	<p><b>11/1/15</b></p> <p>KIETS partners with NC Sea Grant, directed by Brian White, to develop and launch the Community Collaborative Research Grant Program to support priority coastal issues with community partners.</p> 	<p><b>5/25/16</b></p> <p>The Kenan Fellows Program is recognized by the Higher Education Department of the Year award at the first annual STEMmy Awards hosted by the Research Triangle Park Foundation.</p> 
<p><b>9/1/16</b></p> <p>KIETS hosts its 50th Anniversary event at the Hunt Library.</p> 	<p><b>10/18/13</b></p> <p>The KIETS-supported FREEDM Center receives a renewal grant of \$18 million from the National Science Foundation to help modernize the American electric grid.</p> 	<p><b>9/26/14</b></p> <p>KIETS Director Robin Carlson is elected into the National Academy of Engineering.</p> 	<p><b>4/1/16</b></p> <p>The Daugherty Entrepreneurship Awards for new companies becomes an official award track in the NC State Life+Careers annual funding competition for new startups.</p> 	<p><b>7/1/16</b></p> <p>The Kenan Fellows Program launches the Journal of Interdisciplinary Teacher Leadership managed by Elaine Franklin, Amanda Salinas, and Randy Pison to provide a venue for teachers to publish papers and disseminate best practices in teacher leadership and training.</p> 	<p><b>3/1/17</b></p> <p>KIETS partners with NC State Vice Chancellor for Research Alex Heller and Research Triangle Institute to support major new multi-disciplinary research initiatives.</p> 
<p><b>10/18/17</b></p> <p>Kenan Fellows Program Director Elaine Franklin receives the 2017 Pearson and Emma Gifford Award for Outstanding Science Education Leadership from the NC Science Leadership Association.</p> 	<p><b>12/1/18</b></p> <p>With KIETS Support, the NC Coastal Federation and NC Sea Grant present the NC Strategic Plan for Shellfish Mariculture to NC General Assembly to support NC oyster industry.</p> 	<p><b>8/1/19</b></p> <p>Working with BTEC Director Gary Giblin, KIETS supports the Accelerated Innovation in Manufacturing Biologics (AIM-Bio) Program to obtain \$27 million grant from Novus Nordisk Foundation.</p> 	<p><b>4/22/20</b></p> <p>KIETS Advancement Leadership Tara Sperry and Coriella Reibel receive Chancellor's Life Award for Excellence.</p> 	<p><b>7/1/20</b></p> <p>KIETS partners with Vice Chancellor for Research Madhu Venk, Associate Vice Chancellor of Research Jan Morawitz, and the College of Agriculture and Life Sciences, led by Dean Richard Linton, to support the Plant Sciences Game Changing Research Incubator Program to help establish research programs for the new <b>Pilot Sciences Building</b> on Centennial Campus.</p> 	<p><b>7/1/21</b></p> <p>KIETS launches the Climate Leaders Program in collaboration with Process Network Jordan, Mary Warren, Director of the Coastal Resilience and Sustainability Initiative, is appointed Chair of Steering Committee. Ray He is appointed Senior Faculty Fellow, and Amanda Mueller is the Program Manager.</p> 
<p><b>12/10/21</b></p> <p>KIETS launches a new collaboration with NC State's Vice Chancellor for Research to support the Global Health and Climate Change Research Innovation Seed-Funding (RISF) Program. Since 2016, the RISF program has received 383 proposals and awarded funds to 60 projects which have generated approximately 198 follow-on proposals, of which 31 received awards totaling \$16,143,891. During this period, 54 students received support, 211 publications or presentations were made, and 23 workshops/symposia were conducted.</p> 	<p><b>6/24/22</b></p> <p>Coriella Reibel, KIETS Assistant Director for Grants and Finance, is appointed as NC State Staff Senate as a representative of the Chancellor's Unit.</p> 				

**10/1/08**

KIETS supports the establishment of the NSF **Future Renewable Electric Energy Delivery and Management (FREEDM)** Systems Engineering Research Center, working with co-directors and professors Alex Huang and Iqbal Hussein of NC State.



**6/1/09**

Dr. James Woodward is appointed Interim Chancellor of NC State and Chair of the KIETS Board of Trustees.



**12/20/09**

NC State Vice Chancellor for Research Terri Lomax, Assistant Vice Chancellor Chris Brown and KIETS leaders launch the **Strategic Research Initiatives Seed Funding (RISF) Program**.

**4/1/10**

New NC State **Chancellor Randy Woodson** becomes the Chair of the KIETS Board of Trustees.

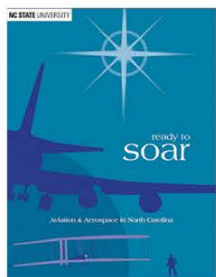


**7/1/11**

KIETS supports the Springboard Innovation Partnership Portal of the Office of Technology Transfer to help launch new companies based on university intellectual property, and leverage the financial support provided by the Chancellor's Innovation Fund.

**12/1/12**

With support from KIETS and the NC State Vice Chancellor for Research, the **NC State Nonwovens Institute**, directed by Professor Behnam Pourdeyhimi, opens the Pilot Facility for Coatings.



NC Space Initiative / KIETS release "Ready to Soar: Aviation and Aerospace in NC" report authored by Deborah Watts, Chris Brown and Raj Narayan.

**5/6/08**

KIETS supports the inaugural NC State Entrepreneurship Games competition.

**4/1/09**

Kenan Fellows Program awarded the NC Science Teachers Association Don Bailey Distinguished Service Award for Exceptional Service to Science Education in NC.

**11/19/09**



KIETS and the NC Biotechnology Center celebrate the 15th anniversary of the Collaborative Funding Grants Program. To date the program has made 71 grants, offered more than \$211 million in follow on funding, produced 194 publications, 30 patents, and launched four NC startup companies under the supervision of NCBC President Norris Tolson, Collaborative Funding Grants Director Maria Rapoza, and KIETS Trustee John Atkins.

**1/11/11**



KIETS supports NC State's Bioengineering and Society: The Case for Genetically Engineered Pests Initiative. The project receives a \$3 million NSF grant with **Professor Fred Gould** as principal investigator.

**10/1/11**







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KIETS supports the establishment of the NSF Future Renewable Electric Energy Delivery and Management (FREDDM) Systems Engineering Research Center, working with co-directors and professors Alex Hwang and Iqbal Hussain at NC State.

6/1/09

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NC State Vice Chancellor for Research Tom Lerner, Assistant Vice Chancellor Chris Brown and KIETS leaders launch the Strategic Research Initiatives Seed Funding (SRIF) Program.

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With support from KIETS and the NC State Vice Chancellor for Research, the NC State Newsweek Institute, directed by Professor Bahman Pourzeybeli, opens the Pilot Facility for Genomics.

1/29/13

KIETS hosts its 50th Anniversary event at the Hunt Library.

10/18/13

The KIETS-supported FREEM Center receives a renewal grant of \$18 million from the National Science Foundation to help modernize the American electric grid.

9/26/14

KIETS Director Ruben Carbonell is inducted into the National Academy of Engineering.

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The Kenan Fellows Program launches the Journal of Interdisciplinary Teacher Leadership, managed by Elaine Franklin, Amanda Sellers, and Randy Pison to provide a venue for teachers to publish papers and disseminate best practices in teacher leadership and training.

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KIETS partners with NC State Vice Chancellor for Research Alan Rebar and Research Triangle Institute to support the Game Changing Research Incentive Program (GRIP) to support major new multi-disciplinary research initiatives.

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Kenan Fellows Program Director Elaine Franklin receives the 2017 Herman and Emma Gatling Award for Outstanding Science Education Leadership from the NC Science Leadership Association.

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With KIETS Support, the NC Coastal Federation and NC Sea Grant present the NC Strategic Plan for Shellfish Mariculture to NC General Assembly to support NC oyster industry.

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Working with BTEC Director Gary Gilleskie, KIETS supports the Accelerated Innovation in Manufacturing Biologics (AIM-Bio) Program to obtain \$27 million grant from Novo Nordisk Foundation.

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KIETS Administrative Leadership Tara Spivey receives Chancellor's Unit Award for Excellence.

7/1/20

KIETS partners with Vice Chancellor for Research Madhu Vook, Associate Vice Chancellor of Research Jan Morawitz, and the College of Agriculture and Life Sciences, led by Dean Richard Linton, to support the Plant Sciences Game Changing Research Incentive Program to help establish research programs for the new Plant Sciences Building on Centennial Campus.

7/1/21

KIETS launches the Climate Leaders Program in collaboration with Provost W. Mark Twiney, Director of the Coastal Resilience and Sustainability Initiative, to appoint Chair of Steering Committee, Ray He is appointed Senior Faculty Fellow, and Amanda Mueller is the Program Manager.

8/1/21

KIETS celebrates its 20 year partnership with Gordon Research Conference, providing seed funding for 200 new Gordon-Kenan Research Scholars, while also helping to leverage \$10,475,071 from private and federal sources.

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Cordella Rashid, KIETS Assistant Director for Grants and Finance, is appointed as NC State Staff Senate as a representative of the Chancellor's Unit.

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KIETS partners with NC Sea Grant, directed by Brian White, to develop and launch the Community Collaborative Research Grant Program to support priority coastal issues with community partners.

11/1/15

The Kenan Fellows Program is recognized by the Higher Education Department of the Year award at the first annual STEMmy Awards hosted by the Research Triangle Park Foundation.

5/25/16

The NC State Office of Research Commercialization in partnership with KIETS, and the offices of the Chancellor and Vice Chancellor, establish the Wolfpack Investor Network (WIN)—the first alumni angel investment group at NC State. KIETS Associate Director Raj Narayan appointed to the WIN Steering Committee and WIN is housed at KIETS offices.

9/1/16

KIETS and the NC Biotechnology Center—led by President Doug Edgerton and Vice President Rob Lindberg—celebrate 20 years in partnership on the Collaborative Funding Grants Program. At this milestone, the collaboration has recorded \$212 million in follow-on funding, 90 closed grants, 338 publications, 60 patents, and established six startup companies.

4/18/17

KIETS Director Ruben Carbonell receives the UNC System's O. Max Gardner Award, the highest honor presented to a faculty member in the University System.

5/14/18

KIETS supports Genetic Engineering and Society Director Fred Gould, who receives a \$3 million National Science Foundation grant to establish the Agricultural Biotechnology Food Energy and Water Systems Fellowship Program.

10/25/18

KIETS collaborates with the NC Museum of Natural Science and the Citizen Sciences Association to support the 2019 Citizen Science Association Conference held for first time in Raleigh, NC. Kenan Fellow Rachel Polmanteer and her students deliver a keynote address about their work integrating citizen science and science curricula.

3/13/19

Kenan Fellows Program Endowment initiative established by KFP Director Elaine Franklin and KFP Asst. Director of Development Darrell Kain.

2/26/20

KIETS University Program Associate Tara Spivey and Kenan Fellow Alumnus LaTanya Pattillo are named William C. Friday Fellows for Human Relations.

5/1/20

In response to the COVID pandemic and with NIMBL support, KIETS engages with NC State's Newsweek Institute, Director Barbara Pruden (lead) to develop next-generation protective facemasks. KIETS also supports BTEC Director Gary Gilleskie and Assistant Director Michael Ray Davis in producing hand sanitizer for COVID protection of university employees and students.

6/1/20

KIETS works with the Biomanufacturing Training and Education Center (BTEC) and NC Museum of Natural Sciences to develop and provide hand sanitizer for visitors to the museum.

9/1/20

The KIETS supported National Institute for Biomechanical Engineering (NIBME) receives a renewal grant of \$21 million from the National Institute of Standards and Technology and an \$80 million grant from the American Rescue Plan for COVID Research, totaling \$103 million.

7/14/21

KIETS partners with Kidz Museum to develop the NC Children's Museum.

9/1/21

The Kenan Fellows Program celebrates 21 years with over 540 Kenan Fellows and a successful launch of the STEMmy PIET, engaging Kenan Fellows alumni across the state and beyond.

4/22/22

2022 Kenan Fellow Vance Kie selected as the Director of the Kenan Fellows Program. Along with Mark Twiney Assistant Director of Programs and Carrie Horton, Program Manager, the Kenan Fellows Program continues to drive and engage its alumni in leading KFP program development and expansion statewide.

7/1/22

### 3/1/17

KIETS partners with NC State Vice Chancellor for Research Alan Rebar and Research Triangle Institute to support the Game Changing Research Incentive Program (GRIP) to support major new multi-disciplinary research initiatives.

KIETS supports the development of the **National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)**, with Director Kelvin Lee and Chief Technology Officer, Ruben Carbonell. The organization receives a \$70 million grant from National Institute for Standards and Technology.

### 10/18/17

**Kenan Fellows Program Director Elaine Franklin** receives the 2017 Herman and Emma Gatling Award for Outstanding Science Education Leadership from the NC Science Leadership Association.

### 12/1/18

With KIETS Support, the **NC Coastal Federation** and **NC Sea Grant** present the NC Strategic Plan for Shellfish Mariculture to NC General Assembly to support NC oyster industry.

### 8/1/19

Working with BTEC Director Gary Gilleskie, KIETS supports the Accelerated Innovation in Manufacturing Biologics (AIM-Bio) Program to obtain \$27 million grant from Novo Nordisk Foundation.

### 4/3/19 4/22/20

KIETS Administrative Leadership Tara Spivey and Cordella Rashid receive Chancellor's Unit Award for Excellence.

The NC State Office of Research Commercialization in partnership with KIETS, and the offices of the Chancellor and Vice Chancellor, establish the Wolfpack Investor Network (WIN)—the first alumni angel investment group at NC State. KIETS Associate Director Raj Narayan appointed to the WIN Steering Committee and WIN is housed at KIETS offices.

### 9/1/16

KIETS and the NC Biotechnology Center—led by President Doug Edgerton and Vice President Rob Lindberg—celebrate 20 years in partnership on the Collaborative Funding Grants Program. At this milestone, the collaboration has recorded \$352 million in follow-on funding, 90 closed grants, 338 publications, 60 patents, and established six startup companies.

### 4/18/17

KIETS Director **Ruben Carbonell** receives the UNC System's O. Max Gardner Award, the highest honor presented to a faculty member in the University System.

### 5/14/18

KIETS supports Genetic Engineering and Society Director Fred Gould, who receives a \$3 million National Science Foundation grant to establish the Agricultural Biotechnology Food Energy and Water Systems Fellowship Program.

### 10/25/18

KIETS collaborates with the NC Museum of Natural Science and the Citizen Sciences Association to support the 2019 Citizen Science Association Conference held for first time in Raleigh, NC. Kenan Fellow Rachel Polmanteer and her students deliver a keynote address about their work integrating citizen science and science curricula.

### 3/13/19

Kenan Fellows Program Endowment initiative established by KFP Director Elaine Franklin and KFP Asst. Director of Development Darrell Kain.

### 2/26/20

KIETS University Program Associate Tara Spivey and Kenan Fellow Alumnus LaTanya Pattillo are named William C. Friday Fellows for Human Relations.

### 5/1/20





## 7/1/20

KIETS partners with Vice Chancellor for Research Mladen Vouk, Associate Vice Chancellor of Research Jon Horowitz, and the College of Agriculture and Life Sciences, led by Dean Richard Linton, to support the Plant Sciences Game Changing Research Incentive Program, to help establish research programs for the new **Plant Sciences Building** on Centennial Campus.



## 7/1/21

KIETS launches the Climate Leaders Program in collaboration with Provost Warwick Arden. Mary Watzin, Director of the Coastal Resilience and Sustainability Initiative, is appointed Chair of Steering Committee, Roy He is appointed Senior Faculty Fellow, and Amanda Mueller is the Program Manager.

## 8/1/21

KIETS celebrates its 20-year partnership with Gordon Research Conferences, providing seed funding for 200 new Gordon-Kenan Research Seminars, while also helping to leverage \$10,470,671 from private and federal sources.

## 12/10/21

KIETS launches a new collaboration with NC State's Vice Chancellor for Research to support the Global Health and Climate Change Research Innovation Seed Funding (RISF) Program. Since 2016, the RISF program has received 367 proposals and awarded funds to 60 projects which have generated approximately 106 follow-on proposals of which 31 received awards totaling \$16,140,051. During this period, 54 students received support, 211 publications or presentations were made, and 23 workshops/symposia were conducted.

## 6/24/22

**Cordella Rashid**, KIETS Assistant Director for Grants and Finance appointed to NC State Staff Senate as a representative of the Chancellor's Unit.



In response to the COVID pandemic and with NIMBL support, KIETS engages with NC State's Nonwovens Institute, (Director Behnam Pourdeyhimi) to develop next-generation protective facemasks. KIETS also supports BTEC Director Gary Gilleskie and Assistant Director Michelle Ray-Davis in producing hand sanitizer for COVID protection of university employees and students.

## 6/1/20

KIETS works with the Biomanufacturing Training and Education Center (BTEC) and NC Museum of Natural Sciences to develop and provide hand sanitizer for visitors to the museum.

## 9/1/20



The KIETS supported National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL) receives a renewal grant of \$70 million from the National Institute of Standards Technology and an \$83 million grant from the American Rescue Plan for COVID Research, totaling \$153 million.

## 7/14/21



KIETS initiates a partnership with Kidzu Museum to develop the **NC Children's Museum**.

## 9/1/21

The Kenan Fellows Program celebrates 21 years with over 540 Kenan Fellows and a successful launch of the STEMwork Pilot, engaging Kenan Fellows alumni across the state and beyond.

## 4/22/22



2012 Kenan Fellow Vance Kite selected as the Director of the Kenan Fellows Program. Along with Mark Townley Assistant Director of Programs and Carrie Horton, Program Manager, the Kenan Fellows Program continues to thrive and engage its alumni in leading KFP program development and implementation statewide.

## 7/1/22