Thank you for joining the Edith and Peter O’Donnell Awards Informational Webinar.

We will begin shortly.
Terrence Henry
Executive Director, TAMEST
Agenda

1. Welcome
   • Terrence Henry, Executive Director

2. Awards History and Process Overview
   • Kenneth E. Arnold, P.E. (NAE), Awards Committee Chair

3. What Makes a Top Nomination
   • David W. Russell, Ph.D. (NAS), Science Subcommittee Chair

4. Nomination Guidelines and Eligibility Requirements
   • Christine McCoy, Director of Development

5. Q&A
Ken Arnold, P.E.
K. Arnold Consulting

tamest.org/odonnell-awards
• Established in 2006 to recognize rising Texas researchers

• Technology innovation award added in 2008

• 59 recipients since inception

• 11 recipients elected into the National Academies
• Awards recipients receive a medal, a $25,000 honorarium and present at our annual conference

• 2021 TAMEST Annual Conference *Forward Texas* will be held January 12–14, 2021 at The Westin Riverwalk Hotel in San Antonio.
Award Categories

ACADEMIC INSTITUTIONS

• Medicine
• Engineering
• Science*

*Science rotates each year. The 2021 science awards will focus on the biological sciences.

INDUSTRY

• Technology Innovation
2021 Awards Committee

Kenneth E. Arnold, P.E. (NAE), Awards Committee Chair
K Arnold Consulting, Inc.

MEDICINE SUBCOMMITTEE

Malcolm K. Brenner, M.D., Ph.D. (NAM), Subcommittee Chair
Baylor College of Medicine

Carlos Roberto Jaén, M.D., Ph.D. (NAM)
UT Health San Antonio

Carol Tamminga, M.D. (NAM)
UT Southwestern Medical Center

ENGINEERING SUBCOMMITTEE

Joan Frances Brennecke, Ph.D. (NAE), Subcommittee Chair
The University of Texas at Austin

Frederick R. Chang, Ph.D. (NAE)
Southern Methodist University

George M. Pharr IV, Ph.D. (NAE)
Texas A&M University

SCIENCE SUBCOMMITTEE

David W. Russell, Ph.D. (NAS), Subcommittee Chair
UT Southwestern Medical Center

Bonnie Bartel, Ph.D. (NAS)
Rice University

Marcetta Darensbourg, Ph.D. (NAS)
Texas A&M University

TECHNOLOGY INNOVATION SUBCOMMITTEE

Ann Beal Salamone, Ph.D. (NAE), Subcommittee Chair
Rochal Industries, LLC

Selda Gunsel, Ph.D. (NAE)
Shell Projects and Technology (US)

Oliver C. Mullins, Ph.D. (NAE)
Schlumberger Limited
David W. Russell, Ph.D.
UT Southwestern Medical Center
Christine McCoy
Director of Development, TAMEST
Guidelines and Requirements: Medicine, Engineering & Science

Nomination Guidelines

• **Nomination Categories** -- Only one category may be designated.

• **Re-nomination** -- Recent past nominees may be re-nominated.

• **Research Teams** -- Teams may be nominated in any category.

• **Nominator Requirements** -- TAMEST members, university presidents, chancellors, deans, provosts and vice presidents for research.

Eligibility Requirements

• Must be within **15 years of their first faculty appointment**.

• Must have spent the past two years performing research in Texas.

• All team members must meet award eligibility requirements.

• TAMEST members are not eligible.
Guidelines and Requirements: Technology Innovation

Nomination Guidelines

- **Re-nomination** -- Recent past nominees may be re-nominated.

- **Research Teams** -- Research teams may be nominated. There must be one individual who functions as the driving force or leader.

- **Nominator Requirements** -- TAMEST members, industry executives, administrators, managers and supervisors, university presidents, chancellors, provosts, deans and vice presidents for research.

Eligibility Requirements

- Must be within **25 years from first full-time industry affiliated position**.

- Must have been continually employed in the state of Texas for the past two years.

- TAMEST members are not eligible.
Required Application Materials

• Nominee application form

• Nominator statements

• Nominee biographical sketch and bibliography
  ➢ Technology Innovation: no bibliography is required

• Five most important research publications
  ➢ Technology Innovation: these can also include industrial reports and patent
descriptions of contributions to company innovations

• Three letters of support
# Awards Timeline

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
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<tbody>
<tr>
<td>February</td>
<td>Call for nominations opens</td>
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<tr>
<td>April 30th</td>
<td>Deadline to submit nominations</td>
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<tr>
<td>May - June</td>
<td>Subcommittees review nominations</td>
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<tr>
<td>June</td>
<td>Top nominees are selected to be reviewed by external reviewers</td>
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<td>Site visits are made to industry organizations</td>
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<tr>
<td>July</td>
<td>Full committee meets to make final recommendations</td>
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<tr>
<td>August</td>
<td>Finalists submitted to Nobel Laureate committee for approval</td>
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<tr>
<td>September</td>
<td>Finalists submitted to TAMEST Board of Director for final approval</td>
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<tr>
<td>October</td>
<td>Awards recipients are notified</td>
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# 2020 Awards Recipients

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Engineering</th>
<th>Science</th>
<th>Technology Innovation</th>
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</thead>
<tbody>
<tr>
<td><strong>Bess Frost, Ph.D.</strong></td>
<td><strong>Jeffery D. Rimer, Ph.D.</strong></td>
<td><strong>Alessandra Corsi, Ph.D.</strong></td>
<td><strong>Kristine Kieswetter, Ph.D., M.B.A.</strong></td>
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<tr>
<td>Assistant Professor</td>
<td>Abraham E. Dukler</td>
<td>Associate Professor</td>
<td>Senior Director,</td>
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<tr>
<td>Sam and Ann Barshop Institute for Longevity and Aging Studies</td>
<td>Professor of Chemical Engineering</td>
<td>Department of Physics and Astronomy</td>
<td>Device Sciences Center of Excellence, KCI</td>
</tr>
<tr>
<td>Department of Cell Systems and Anatomy</td>
<td>University of Houston</td>
<td>University of Houston</td>
<td>Deepak V. Kilpadi, Ph.D., M.B.A.</td>
</tr>
<tr>
<td>UT Health San Antonio</td>
<td></td>
<td>Texas Tech University</td>
<td>Medical Science Liaison</td>
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<td>KCI</td>
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**TAMEST** The Academy of Medicine, Engineering & Science of Texas

tamest.org/odonnell-awards
Application forms, eligibility requirements and FAQs are accessible on the TAMEST website: tamest.org/odonnell-awards
Questions?
Thank you for attending our webinar.

Please contact Christine McCoy with any questions.

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cmccoy@austin.utexas.edu