Vanderbilt University’s Impact on Your Community

**REPRESENTATIVE**

**John J. Duncan, Jr.**

Tennessee’s 2nd Congressional District

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**Your Constituents and Vanderbilt in 2014**

- **$3,820,899**
  Uncompensated Care
- **$1,629,133**
  Student Financial Aid

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<table>
<thead>
<tr>
<th>Count</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>6,642</td>
<td>Patients Seen (Vanderbilt Hospital and Monroe Carell Jr. Children’s Hospital at Vanderbilt, inpatient and outpatient)</td>
</tr>
<tr>
<td>138</td>
<td>Calls to Vanderbilt Kennedy Center Pathfinder Hotline**</td>
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<tr>
<td>67</td>
<td>Ambulances to Vanderbilt University Medical Center</td>
</tr>
<tr>
<td>35</td>
<td>Emergency LifeFlights to Vanderbilt University Medical Center</td>
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<tr>
<td>6,637</td>
<td>Calls to Vanderbilt Poison Center (including Ebola hotline calls)</td>
</tr>
<tr>
<td>946</td>
<td>Vanderbilt Bill Wilkerson Center Otolaryngology Procedure &amp; Clinic Visits</td>
</tr>
<tr>
<td>394</td>
<td>Hearing and Speech Patients Treated by Vanderbilt Bill Wilkerson Center</td>
</tr>
<tr>
<td>151</td>
<td>Parents, Educators, and Professionals Participated in TRIAD*** Training at Vanderbilt Kennedy Center</td>
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</tbody>
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**Vanderbilt Heart Knoxville**

Vanderbilt Heart uses advanced therapies and technologies and a world-class care team to provide patients with extremely high quality cardiovascular care. While fully integrated into the Vanderbilt University Medical Center and its patient care, research, and teaching missions, Vanderbilt Heart also has nearly two dozen clinics across Tennessee and Kentucky. This means that at Vanderbilt Heart Knoxville, residents of the 2nd District are able to access some of the most advanced cardiovascular care available anywhere—right in their own community.

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**Vanderbilt research will help shape the future of American manufacturing**

A cutting-edge Vanderbilt lab that studies how materials and machines operate under real-world conditions will play a key part in the new multistate, $259 million Institute for Advanced Composites Manufacturing Innovation (IACMI) that is being led by the University of Tennessee–Knoxville. The Department of Energy-funded institute will develop cost- and energy-efficient composite materials and technologies for high-production industries, such as automotive manufacturing. Much of Vanderbilt’s work for the institute is taking place at the Laboratory for Systems Integrity and Reliability, co-directed by Doug Adams, Daniel F. Flowers Professor and chair of the Department of Civil and Environmental Engineering (pictured above). Adams serves as technical lead for Nondestructive Evaluation in IACMI’s Composite Materials and Process Technology focus area, and collaborates with researchers from the University of Tennessee–Knoxville who lead the materials characterization effort. The goal of Vanderbilt’s work is to develop in-line diagnostic systems for quality control in composites manufacturing to accelerate the prototyping and scale-up of technologies in carbon fiber production, composites recycling, 3-D printing, and other areas.

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* Includes data for Blount, Claiborne, Grainger, Jefferson, Knox, and Loudon Counties

** The Pathfinder Hotline is a statewide multi-language help line that connects the Tennessee disability community with service providers and information.

*** Treatment and Research Institute for Autism Spectrum Disorders, see reverse.
The Treatment and Research Institute for Autism Spectrum Disorders

To help educators of children with autism spectrum disorders (ASD) better understand the disorders, the Vanderbilt Kennedy Center for Excellence in Developmental Disabilities hosts multi-day, interactive workshops in Knoxville and the surrounding East Tennessee region through the Treatment and Research Institute for Autism Spectrum Disorders (TRIAD). The TRIAD workshops combine large and small group discussions, hands-on activities and practice, and case study analysis. This combination and education style help educators become familiar and comfortable with evidence-based practices to address the unique needs of children with ASD and to develop a practical plan to integrate these strategies into daily routines. TRIAD also provides individualized behavioral and educational services for students, teachers, schools, and school systems based upon their needs, and sometimes at the joint request of the school system and the Tennessee Department of Education.

Joint Institute of Nuclear Physics and Applications

Thirty years ago, Vanderbilt University, the University of Tennessee–Knoxville (UTK), and Oak Ridge National Lab (ORNL) founded the Joint Institute for Heavy Ion Research on UTK’s campus to promote and support the work of ORNL’s Holifield Heavy Ion Research Facility. Over the years, the institute’s focus has expanded to include other experimental methods and facilities. In 2013, the institute was renamed the Joint Institute of Nuclear Physics and Applications. The institute, still based at UTK, continues to carry out a mission similar to that of the original Joint Institute—to improve and expand nuclear physics research and applications across the state.

For more information, please contact Vanderbilt’s Office of Federal Relations:
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