Dean Carolyn Dever called the meeting to order at 3:15 p.m. in Wilson Hall 103. Approximately 175 faculty members were in attendance.

1. **Memorial Resolution for Herschel Gower, Professor of English, Emeritus.**

Mark L. Schoenfield, Professor of English and Chair of the Department of English, presented a Memorial Resolution in honor of Herschel Gower, Professor of English, Emeritus. Faculty members paid their respects and signified their assent to the resolution by a moment of silence. The Memorial Resolution is appended to these Minutes.

2. **Memorial Resolution for Douglas S. Hall, Professor of Physics and Astronomy, Emeritus.**

David A. Weintraub, Professor of Astronomy, presented a Memorial Resolution in honor of Douglas S. Hall, Professor of Physics and Astronomy, Emeritus. Faculty members paid their respects and signified their assent to the resolution by a moment of silence. The Memorial Resolution is appended to these Minutes.

3. **Memorial Resolution for Charles S. Kahane, Professor of Mathematics, Emeritus.**

Philip S. Crooke, Professor of Mathematics, presented a Memorial Resolution in honor of Charles S. Kahane, Professor of Mathematics, Emeritus. Faculty members paid their respects and signified their assent to the resolution by a moment of silence. The Memorial Resolution is appended to these Minutes.

4. **Approval of the Minutes of the Faculty Meeting of April 8, 2014.**

There were no comments or questions, and the Minutes were approved.

5. **Approval of the Candidates for Degrees at the end of the spring semester, May 9, 2014.**

Associate Dean Roger Moore presented corrections to the preliminary list of degree candidates that was distributed with the agenda material for this meeting. He then moved (1) that the faculty of the College of Arts and Science recommend to the Board of Trust that this list of candidates, as amended, be awarded Bachelor of Arts degrees on Friday, May 9, 2014; and (2) that a copy of the final official Commencement Program, as approved by the Registrar and the Dean of the College of Arts and Science, be appended to these minutes as a record of the actions of this faculty in recommending candidates for degrees and in awarding honors, prizes, and medals. His motions were seconded, and the
faculty approved them by acclamation. Faculty members applauded the graduates for their accomplishments.

6. Review of the Minutes of the Faculty Council meeting of April 29, 2014.

There were no comments or questions.

7. Executive Motion Calendar.

A. From the Committee on Academic Standards and Procedures (CASP): Proposed revision of the “Individually Designed Interdisciplinary Majors” (INOT) program. There were no comments or questions, and the faculty approved the revision of the “Individually Designed Interdisciplinary Majors” program.

The revised policy reads:

**Individually Designed Interdisciplinary Majors**

This plan permits students to contract for an individually designed program of concentration consisting of at least 48 credit hours of approved work. The program is constructed around a coherent academic purpose and may draw together the academic resources of a number of departments and schools. The program’s purpose may include topical, period, or area studies, and must be consistent with the philosophy underlying a liberal arts education (see “What is Liberal Education?” on page 72 of this catalog). The program should not be designed with a focus on pre-professional training (e.g., pre-business, pre-law, or pre-medicine). The student may be required to achieve a standard of proficiency in appropriately related areas such as foreign languages or mathematics in addition to the 48 credit hours constituting the program of concentration.

Each student must identify a major adviser who will offer advice and guidance. The major adviser must be a professor or full-time senior lecturer.

The student’s contract for an individually designed interdisciplinary major is a statement of required courses. Furthermore, because of the nature of interdisciplinary majors, all courses that have previously been included in the student’s contract are considered to be part of the major discipline. The student must achieve at least a 2.000 grade point average in all courses that are (or have been) part of the contract.

B. From the Committee on Educational Programs (CEP):

i. Proposed revision of the Film Studies Honors program. There were no comments or questions, and the faculty approved the revision of the Film Studies Honors program.
ii. Proposed revision of the Medicine, Health, and Society major and minor. There were no comments or questions, and the faculty approved the revision of the Medicine, Health, and Society major and minor.

C. From the Committee on Graduate Education (CGE): Proposed creation of Earth and Environmental Sciences Ph.D. program. There were no comments or questions, and the faculty approved the creation of the Earth and Environmental Sciences Ph.D. program.

8. Announcements and Presentations.

Dean Dever announced that eight Arts and Science faculty emeriti have been appointed: James Auer has been appointed Senior Lecturer in Asian Studies, Emeritus; Lewis V. Baldwin, Professor of Religious Studies, Emeritus; Susan Berk-Seligson, Professor of Spanish, Emerita; Charles M. Lukehart, Professor of Chemistry, Emeritus; Charlotte Pierce-Baker, Professor of Women’s and Gender Studies and of English, Emerita; Gerald J. Stubbs, Professor of Biological Sciences, Emeritus; George H. Sweeney, Professor of Economics, Emeritus; and Joel Tellinghuisen, Professor of Chemistry, Emeritus. She congratulated the faculty emeriti and thanked them for their service to Vanderbilt. Faculty members applauded the faculty emeriti individually and as a group.

Dean Dever then reported that, at a special meeting of the Faculty Council on April 22, Professor Beth Conklin was elected Chair of Faculty Council and Professor Ruth Rogaski was elected Secretary of Faculty Council for 2014-15. Dean Dever thanked the two of them in advance for serving as officers, and faculty members congratulated them.

Dean Dever thanked Professor Lou Outlaw for serving as Chair of Faculty Council this year, Professor Jennifer Fay for serving as Council Secretary, and Mr. Jonathan Bremer for his work as Executive Secretary of the Faculty. She also thanked all the faculty members who served on Faculty Council and other Arts and Science committees this year, department chairs for their work guiding their respective programs, and staff members for their individual contributions.

9. Original Motion Calendar.

No issues were raised.

10. Good of the College.

Senior Associate Dean Karen Campbell stated that the Littlejohn Family Undergraduate Research Program was very successful in its inaugural year. Five Arts and Science faculty members were selected as Littlejohn Faculty Fellows, each of whom worked with one or two undergraduate students during the academic year. Five of the six student scholars presented their research findings at a symposium on April 18. Some applications for next year’s program have been received, she continued, but she has
extended the original deadline to May 16 in order to allow more time for faculty members to submit proposals.

11. Adjournment.

The meeting adjourned at 3:50 p.m. to a reception honoring Dean Carolyn Dever and Associate Dean George Sweeney.

Respectfully submitted,

Lesley Gill,
Secretary of the Faculty
Herschel Gower Memorial Resolution

Herschel Gower died surrounded by family and friends at home on December 20, 2012 at the age of 93. He was survived by his wife Dona, who passed away in 2013. They are survived by their beloved daughter Alison and countless friends and relatives.

Herschel Gower, a native of Nashville, was born in 1919. The child of parents who owned a country store, Herschel served as an usher at the Ryman Auditorium growing up, and earned a scholarship to Montgomery Bell Academy. He received his B.A. from Cumberland University in Lebanon in 1942, and enlisted in the navy during World War II. Following the war, during which he was assigned stateside, Herschel joined the Veterans Administration to help rehabilitate and educate returning soldiers; always committed to Nashville, he also served as the Nashville Symphony’s first house manager. After that, with the help of the GI Bill, he earned his master and doctorate degrees from Vanderbilt University. He spent 1954 - 1956 at the University of Edinburgh on a Fulbright Scholarship and maintained a lifelong interest in Scottish culture and history, evident in a series of articles on Scottish ballads. He was embarked on a lifetime of scholarship, writing, and teaching.

He began his teaching career at Vanderbilt in 1956 in the English department and after 30 years of fruitful labor, was awarded the title Professor Emeritus, retiring from Vanderbilt in 1985. He taught courses in, among many things, the Scottish and Appalachian ballad, the lyric, and American literature. After retirement, he helped his wife to establish the Athena Foundation in
Texas, a nonprofit organization dedicated to mentoring teaching excellence through the study of classic texts. He had met his cherished wife Dona at Vanderbilt, from which she also earned a PhD, and they were married 46 years.

During his academic career he was a lecturer in the Vanderbilt in France study abroad program and at the University of Leeds for the Vanderbilt in England program. His writing includes Pen and Sword: The Life and Journals of Randal W McGavock, which features a biography of the Nashvellian followed by his edited diaries. In 1983, he published Faces in a Nashville Arcade, a novel which features a Hume-Fogg graduate and opens with an amusing look at how geometry used to be taught. In 1968, he edited Mildred Haun’s The Hawk’s Done Gone and Other Stories. He was her friend and literary executor, and in his introduction, a reader gets a glance at Vanderbilt teaching “back in the day,” when Haun, having failed German and trigonometry, joined John Crowe Ransom’s English 9 course on Advanced Composition mid-term to make up units, and had to complete assignments of an essay, short story, and verse. Similarly, Herschel’s brief pamphlet on Belle Meade offers a glimpse into the Belle Meade Plantation of old.

Herschel Gower has contributed articles and poems to scholarly publications, magazines, and newspapers, many with a focus on Tennessee history and Nashville in particular. Vanderbilt is fortunate that his legacy remains with us, in the form of papers he donated to the Jean and Alexander Heard Library’s Special Collections. These papers include correspondence with Donald Davidson, various McGavocks, and John Crowe Ransom, and an early draft of Faces in the Nashville Arcade, titled “Confessions of a Goo Goo Eater” as well as drafts of the marvelously titled Escape from Belle Meade. In addition, as an indication of the community of
writers that flourished at Vanderbilt and Hershel’s important role within that community, many of the other papers donated to our library by other eminent scholars and writers contain letters and references to Herschel Gower.

Dean Dever, I ask that a copy of this Memorial Resolution be entered into the minutes of this meeting and that copies be sent to his family.

Submitted by

Mark Schoenfield,

Department of English
Douglas Scott Hall, Professor Emeritus of Physics and Astronomy, died on March 16, 2013, after a brief illness. He is survived by his wife, Mimi Kemp Hall, two sons, Bruce Douglas Hall and Brandon Scott Hall, one sister, Joan Wise, and a brother, Thomas H. Hall.

Doug was born on May 30, 1940, to W. Scott Hall and Catherine Read Hall in Lexington, KY. He earned a B.A. in Chemistry in 1962 from Swarthmore College, followed by an M.A. in Astronomy in 1964 and a Ph.D. in Astronomy in 1967 from Indiana University. While earning his graduate degrees in astronomy, he spent his summers studying and working at the Harvard College Observatory and at Kitt Peak National Observatory in Arizona. He joined Vanderbilt’s College of Arts and Science in 1967 as Assistant Professor of Physics and Astronomy and in 1980 was promoted to Professor. He served as Director of Vanderbilt’s Dyer Observatory from 1986 until 2002, a role which for many years made him the public face of all things celestial in the Nashville area.

Doug was one of the modern discoverers of starspots, the giant analog of sunspots on other stars. The idea of starspots was proposed as early as the mid-nineteenth century; by the early twentieth century, however, astronomers were able to explain all then-known properties of stars without resort to starspots, and the entire concept of starspots was largely dismissed. Doug was one of a very small number of astronomers who, during the years 1965 to 1972, demonstrated through their work that large starspots do exist. In Doug’s 1972 paper, he wrote that “a region of tremendous sunspot activity darkens one side of a cool star.” Despite a great deal of opposition at that time to the idea that stars could have giant, cool, dark spots, Doug persisted and the study of starspots is now a central aspect of modern astrophysical research.

Doug was a pioneering advocate for the scientific value of collaboration between amateur and professional astronomers. His first article co-authored with an amateur astronomer was a 1970 paper on Beta Lyrae, co-authored by Mr. L. P. Lovell. Thereafter, he regularly published papers utilizing data collected by amateurs and included many of them as co-authors. These collaborative ventures eventually led to the creation of the International Amateur-Professional Photometric Photometry organization in June, 1980, which Doug launched in partnership with Russell M. Genet, and to the publication of his first book, co-authored with Genet, *Photometric Photometry of Variable Stars: A Practical Guide for the Smaller Observatory*.

In the late 1980s, Doug teamed with Genet and Louis Boyd, with support from a grant from the National Science Foundation, to put into operation a 16-inch robotic telescope at Fairborn Observatory in Arizona. This telescope, first known as the Vanderbilt Automated Photometric Telescope and then as the Vanderbilt-Tennessee State University APT and operated by Greg Henry of TSU, has been the source of data for hundreds of papers over three decades.
Over the course of his career, Doug taught undergraduate courses in astronomy, mentored graduate students, published two books and over 400 papers, and gave public lectures at Dyer Observatory. He also served as a member of four International Astronomical Union Commissions, as a member of the Board of Directors of the Society of Amateur Radio Astronomers, and as a Trustee of Fairborn Observatory. Doug was the 1984 recipient of the Astronomical League Award, given to a person who has made worthwhile contributions to the science of astronomy on a national or international level.

A lifelong scholar, Hall never stopped investigating and learning new things. He was a spelunker, voracious reader and classical music aficionado who played classical music at night while he made his observations, according to his wife, whom he met when she was registrar of Vanderbilt University's College of Arts and Science. In his retirement, he became interested in Civil War history, in particular the Battle of Nashville, and working outdoors in the woods on the Halls' property.

Madam Dean, I ask that a copy of this Memorial Resolution be entered into the minutes of this meeting, and that copies be sent to the members of Doug’s family.

Respectfully,

David A. Weintraub,

Professor of Physics and Astronomy
Memorial Resolution for Charles S. Kahane

Professor Charles Kahane was born on July 22, 1934 in Antwerp, Belgium. Charles received a B.A. degree from New York University in 1955 and his doctorate from the same institution in 1962 under the direction of Professor Louis Nirenberg. He was a member of the faculty of Hunter College during his graduate studies and held a post-doctoral position as a research fellow at the Courant Institute of Mathematical Sciences. In the fall of 1964, he joined the faculty of the University of Minnesota and remained there until 1969. In the fall semester of 1969, he became a member of the Department of Mathematics as an associate professor. In 1984, he was promoted to the rank of Professor of Mathematics. He retired as Professor of Mathematics Emeritus, in 1998. Charles was a member of the American Mathematical Society, the Mathematical Association of America, and the Society for Industrial and Applied Mathematics.

Charles’ primary research interests during his years at Vanderbilt were in the field of partial differential equations. However, Charles’ interests were quite diverse and he also published papers dealing with integral equations and certain topics in applied mathematical analysis. He is perhaps best known for his research on reaction-diffusion partial differential equations. This class of nonlinear equations is noted for its high degree of difficulty and his work in this area provided tools that impact the more general area of parabolic partial differential
equations. In particular, he developed a now widely used method to estimate the growth of the solutions of these equations as time evolves. These estimates are of fundamental importance in developing the analytical properties of solutions, including their existence and uniqueness. His theorems have proven to be useful for a variety of applications e.g., competing biological species diffusing in spatial regions. Reviewers of Charles’ research have characterized it as particularly distinguished with excellent taste and originality.

Charles Kahane served Vanderbilt in many capacities. He was a Freshman Advisor and served on many university committees, including the Academic Standards Committee, the Learning Resources Committee, the Graduate Faculty Council, the Faculty Council, and the Committee on Individual Programs. Within the Department of Mathematics, he served as Director of Graduate Studies from 1984 to 1987 and was a member of several departmental committees, including the Graduate Program Committee and the Undergraduate Program Committee.

Charles was an excellent teacher. He was prepared to the last detail and knew exactly what he wanted to say and how to say it to the class. His lectures came off very smoothly and were informative and enjoyable. A faculty member in Vanderbilt’s School of Medicine took one of Charles’s summer school offerings and sent the chair a “fan letter.” The doctor wrote:

_I would like to bring to your attention an outstanding teacher, Charles S. Kahane._
I have just had the privilege of taking a class from him this summer. Not only does he have a grasp of his subject in breadth and depth, but he is able to get the knowledge across to his students. Furthermore, he is both sensitive and responsive to his students’ needs and satisfies these needs.

My qualifications for making this judgement are that I also teach and have had fifteen years of collegiate and professional education.

Professor Kahane is the best teacher that I have had. He made the course sparkling and enjoyable. He is a valuable asset to Vanderbilt.

Charles and his wife, Claire, were killed in a tragic accident last May. I received a telephone call from one of the editorial assistants of the American Mathematical Monthly asking me if I could help them contact Charles. He had submitted a paper, On the Nonexistence of Certain Limits for the Complex Exponential, that had been accepted for publication by the journal and they wanted to send him the proofs of the article, but were unable to reach him. I explained the situation and agreed (along along with my colleague Glenn Webb) to proof-read the article. The article was published in November of 2013. As I had not had much contact with Charles since he retired, I was curious about his research after retirement. The Web of Science lists five publications after he retired. It is clear that he loved his discipline.

Philip Crooke
May 6, 2014