

# RENSSELAER GIVES 245 DEGREES TODAY

**Polytechnic Institute Graduates  
 230, Largest Class in  
 Its History.**

**15 TO GET HIGHER AWARDS**

**Eight Win Special Cash Prizes for  
 Department Theses and Re-  
 search in Science.**

*Special to The New York Times.*

TROY, N. Y., June 13.—Rensselaer Polytechnic Institute will graduate tomorrow the largest class in the 105 years of its history. Degrees in engineering and science will be conferred upon 245 students, including fifteen graduate degrees of Doctor of Philosophy and Master in Engineering and Science. The largest group is that of the electrical engineers, who this year outnumber the civil engineers.

The degrees to be conferred include 79 electrical engineer, 75 civil engineer, 36 mechanical engineer, 26 chemical engineer, 14 bachelor of science in business administration, biology, chemistry and physics and 15 doctors' and masters' degrees for post-graduate work. The graduates represent twenty-nine States and eight foreign countries.

John N. Shannahan of Omaha, railway president, will make the address.

**Special Prizes Awarded.**

Special prizes in cash awards under funds established by various donors for the best thesis in each department of engineering and for research in science and special work were awarded today as follows:

- Charles MacDonald Prize in Civil Engineering—Oscar W. Tyree of Glendale.
- Ricketts Prize in Chemical Engineering—Raymond J. Anderson of Freeport, Ohio. Honorable mention—Earl W. Palmer of Bainbridge.
- Ricketts Prize in Mechanical Engineering—Howard Garner of Glen Ridge, N. J.
- Lafin Prize for Literary Skill in Summer Thesis—Jerome L. Seelig of New York City.
- Graham Macfarlane Prize for Best Instrumental Drawings—Stanley P. Bartles of Rochester. Honorable mention—James F. Barth of Greenville, Pa.
- Class of 1902 Research Prizes—1929, to Wilbur E. Gemmill of York, Pa.; 1930, John J. Lewis of Spring Lake, Mich.
- Phi Lambda Alpha Spanish Medal—Louis V. Denti, Class 1932, of Rome. Honorable mention—Duane R. Elmore of South Fallsburg and Peter Ferraro Jr. of White Plains.

The commencement activities will be combined with those of Alumni Day, with an alumni meeting in the morning and more than twenty class reunions later in the day. An alumni luncheon at 12:30 o'clock will precede the commencement exercises at 2 P. M. After the exercises, the alumni-varsity baseball game will take place, followed by the alumni dinner.

**To Begin Fifteenth Building.**

The returning alumni will witness the beginning of the excavation for the fifteenth building on the campus, a \$400,000 structure for the recently established School of Architecture. It will be dedicated next year as the Greene Building, in memory of Dr. B. Franklin Greene, director of the institute from 1846 to 1858, who introduced the Polytechnic form of curriculum.

The Lafin Prize, consisting of the income from \$1,000, was awarded to Jerome L. Seelig of Troy. The prize is awarded to the student showing the greatest literary skill in his Summer thesis written during the vacation following the work of the Sophomore year. Mr. Seelig is a junior in the Department of Business Administration.

The following students from New York, New Jersey and Connecticut were elected to Sigma Xi, the honorary scientific society:

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|---------------------|-----------------------|
| Roland A. Alven     | Kenneth H. Moore      |
| John F. A. Biggi    | Charles S. Murray Jr. |
| Marsden A. Cook     | Earl W. Palmer        |
| Robert Forrest      | Francis E. Richards   |
| Howard Garner       | Edward Schinman       |
| Henry E. Hale       | Malcolm E. Smith      |
| William R. Hopkins  | F. C. Van Wormer      |
| Clarence E. Keeler  | Robert A. Warfel      |
| James R. Largay     | Bernard T. Weinman    |
| John J. Lewis       | Robert A. Wyant       |
| William R. Macaulay | Carl L. Zamjohn       |
| Berwyn F. Mattison  |                       |

The undergraduate degrees include seventy-nine of electrical engineer, seventy-five civil engineer, thirty-six mechanical engineer, twenty-six chemical engineer and fourteen bachelor of science in the new Departments of Arts, Science and Business Administration.

Graduate degrees will be conferred as follows:

- Doctor of Philosophy.**  
 George F. Sager Peter Van Wyck
- Master of Civil Engineering.**  
 Richard F. Armknecht Robert H. Meade  
 Edward C. Harwood William M. Schwedler  
 Shih Lin Lo Charles L. Strain
- Master of Electrical Engineering.**  
 Norman V. Gargill A. G. Kantayya  
 Paul A. Escholz J. Lawrence Leach
- Master of Science.**  
 Edwin B. Allen Helman W. Koren  
 Charles F. Ffollott

The 1930 graduates represent twenty States, the District of Columbia and Porto Rico, and seven foreign countries, Colombia, Venezuela, Peru, Salvador, China, India and Poland. Those from New York, New Jersey and Connecticut who will receive baccalaureate and engineering degrees are:

- Civil Engineer.**  
 Herman W. Ahlfeld Samuel R. Ludlow  
 Ralph L. Altvaer Clark E. Mansion  
 Roland A. Alven Frederick J. Mayo  
 Carlton W. Baldwin C. E. McCarthy Jr.  
 Nathan Benderson Charles N. McNary  
 Edwin V. Bishop George J. Mischler  
 Nicholas L. Braas Jr. William W. Moffett  
 Richard D. Burson Dominic A. Naples  
 John P. Cassidy Dominic Nardone  
 Edward C. Culliton Bernard R. Perkins  
 Robert L. Decker Eugene F. Porter  
 Ralph J. De Stefano Charles C. Powell  
 Pliny G. Dover Harold F. Purick  
 John A. Dunlop Sydney A. Rapp  
 John E. Dykstra Frederick A. Reichert  
 Robert Forrest Nelson A. Ringwood  
 John J. Gallagher Chester Roe  
 Ralph H. Gallinger Bradley G. Seltz  
 Dayton W. Garlick Irving N. Severance  
 Aiden R. Gierasch Ernest K. Smith  
 Loyd D. Happ Harry S. Swan  
 Freund Hickok Roland H. Trathen  
 W. F. Hodecker Jr. Charles B. Travis Jr.  
 Charles E. Hughes Oscar W. Tyree  
 Paul Kerner Jr. Bernard T. Weinman  
 Robert F. Knox G. E. Whitaker 2d  
 Joseph C. Kresae Herbert D. Williamson  
 F. H. L. Leubuscher Carl L. Zamjohn  
 Charles H. Logan
- Electrical Engineer.**  
 Arthur R. Beach Vincent J. Lapp  
 Stuart T. Belden Roger A. Lautier  
 Frank L. Bigellis John J. Lewis  
 John F. A. Biggi William R. Macaulay  
 Everett H. Burgess Charles F. Maloney  
 Phillip B. Caird Henry C. Martin Jr.  
 H. M. Cavanaugh Harry E. Mason  
 David F. Ciccoalella Marvin V. McMillan  
 Austin W. Day Alfred P. Miller  
 Louis F. Degni William O. Mosher  
 James W. Donnelly Charles S. Murray Jr.  
 Floyd G. Fellows Edward M. Perry  
 Frederick K. Fischer Charles H. Phillips  
 Irvine H. Fray Francis J. Pisarra  
 Joseph E. Gahagan George R. Racheter  
 Clarence J. Graves John D. Reiner  
 Henry E. Hale Dixon Riggs  
 Gerald N. Hanson Edward C. Rising  
 Cecil J. Harrison Irving C. Robisch  
 Ernest A. Herklotz Charles H. Ruhl Jr.  
 C. I. Hodgson Jr. Paul J. Sands  
 Fred W. Hoehlein Jacob H. Schmitzer  
 Frank C. Holmes John R. Scott  
 Donald N. Hunt Charles C. Secor  
 J. V. Jerzykiewicz Leslie E. Steele  
 Raymond A. Keberle Phillip A. Stone  
 Clarence E. Keeler Arthur T. Stratton  
 Frank H. Kennedy Jr. Edwin T. Strong

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|-------------------|------------------|
| Alva C. Thomas    | F. C. Van Wormer |
| Brevard K. Titter | Robert G. Well   |
| Paul J. Toitey    | Robert A. Wyant  |
- Mechanical Engineer.**  
 Charles R. Avery James R. Largay  
 George N. Bodenstein Hugh T. P. McKee  
 Marsden A. Cook Edwin B. Munson  
 Derwood D. Cornell Fred W. Recknagel  
 Elbert F. Corwin Francis E. Richards  
 Malcolm Ellison Arthur M. Root Jr.  
 Nathan G. Everett Arno C. Schubert  
 Charles G. Franklin H. M. Schwiebert  
 David L. Gallagher Constantine Shurupoff  
 Lester H. Garner Malcolm E. Smith  
 Harry Hamberger Carl O. Thurnau  
 Carl H. Hoers Willard Q. Timpson  
 William R. Hopkins Robert A. Warfel  
 John D. Judge Alexis D. Whitney
- Chemical Engineer.**  
 Charles J. Bannon Richard McCormick  
 Harry P. Clark Earl W. Palmer  
 Edward J. Cogovan Merrill A. J. Phillips  
 Wilson A. Dayer Leonard R. Pritchard  
 Phillip Goldberg Henry A. Reinhardt  
 Leo S. Hower Edward P. Schinman  
 Edward P. Kennedy Bernard Y. Smith Jr.  
 Broni Kozma Charles R. Stenstream  
 William F. Kramer Leigh M. Townley  
 C. J. Krogel Jr. Alexander Wilson  
 M. D. MacNaughton
- Bachelor of Science—In Business Administration.**  
 Stuart H. Crouse Jerome Perl  
 James W. Gaynor George G. Saltford  
 Louis C. Helm Paul E. Schuman  
 Edward J. Maloney
- In Biology.**  
 Hyman Horwitz Berwyn F. Mattison  
 Arthur Levinstein
- In Chemistry.**  
 Arthur G. Kemnitz Philip L. Thompson
- In Physics.**  
 Gabriel Hellman Kenneth H. Moore