CONTENTS:

Doctorates Conferred by American Universities .................................................. 225
Some Aspects of Medical Education: Professor Dr. John H. Musser ..................... 230
Nathan Smith Davis: Frank S. Johnson .............................................................. 287
Scientific Books:—
  Investigations of the Blue Hill Meteorological Observatory: Professor R. Dec. Ward,
  Van't Hoff's Vorlesungen über theoretische und physikalische Chemie: Professor
  Alexander Smith ................................................................. 240
Scientific Journals and Articles ............................................................................ 241

Societies and Academies:—
  The Biological Society of St. Louis: J. Arthur Harris, American Fisheries Society ......................................................... 241
Discussion and Correspondence:—
  Areas in the United States Suitable for Beef Culture: Dr. H. W. Wiley. Jordan on
  Fossil Labroid and Charidot Fishes: Dr. C. R. Eastman. The Ascent of Water:
  Professor G. MacLuskie. Analysis of a Complex Musical Tone: Professor W. S.
  Franklin ................................................................. 244
Special Articles:—
  The Effect of Radium Rays on the Colon Bacillus, the Diphtheria Bacillus and Yeast:
  Dr. C. S. Prescott. A Wheat-Rye Hybrid: Dr. H. F. Roberts ................................. 246
Notes on Inorganic Chemistry:—
  The Melting Point of Gold; Fused Soapstone Fibers; Explosions from Ferrosilicon;
  Bessemer vs. Open-hearth; Royal Society Conversazioni; Nature of Solutions: J.
  L. H. ........................................................................ 249

Social and Economic Science:—
  University Competition for Graduate Students; Service of Science in Social Work;
  Virginia's Program of Educational Purposes: Dr. John Franklin Crowell ............. 251
Opportunities in Anthropology at the World's Fair: W J McGee ............................. 253
Scientific Notes and News ................................................................................. 254
University and Educational Notes ....................................................................... 256

MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.

DOCTORATES CONFERRED BY AMERICAN UNIVERSITIES.

We publish for the seventh year statistics in regard to the doctorates conferred by our universities. The degree of doctor of philosophy or of science was received by 281 candidates from 24 institutions. In addition to the 34 universities and colleges from which returns have been received, there may be a few cases in which the degree has been conferred legitimately by smaller institutions, but they are certainly very few. As a matter of fact, four fifths of all the degrees are conferred by seven universities. There have not during the past seven years, and probably never previously, been so many degrees conferred in the present year. The numbers for the seven years are 234, 222, 239, 253, 216, 266 and 281. The figures fluctuate from year to year, but indicate an increase in seven years of about twenty per cent. This seems to be disappointingly small. In an article by Dr. Tombo, recently (July 15) printed in this journal, it is stated that the number of graduate students has more than doubled in the past five years, and in an article by Dr. Mayer, also printed here (July 8), it is said that the number of graduate students increased two and a half times from 1890 to 1902. It is not clear why the number who receive the advanced degree should not increase as rapidly as the number of graduate students. This is not due to a raising of the standards, as these have remained about stationary; nor is it due to lack of encouragement on the part of the universities, as fellowships and other in-
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**  Visit the online version of this article to access the personalization and article tools: http://science.sciencemag.org/content/20/503.citation

**Permissions**  Obtain information about reproducing this article: http://www.sciencemag.org/about/permissions.dtl