Fairleigh Dickinson University is comprised of four colleges: Maxwell Becton College of Arts and Sciences, Silberman College of Business, the Anthony J. Petrocelli College of Continuing Studies and University College: Arts • Sciences • Professional Studies and two stand-alone schools: School of Pharmacy and Health Sciences and School of Public and Global Affairs.

More than 50 graduate degree programs are offered by the colleges. The colleges' degree programs and their faculty and staff are listed on this and the following pages. The admissions and academic requirements and detailed descriptions of each program are listed in alphabetical order within the Program section of this *Graduate Studies Bulletin* pages 41–259.

### Maxwell Becton College of Arts and Sciences

Florham Campus, Madison, New Jersey Geoffrey S. Weinman, Dean

### The Maxwell Becton College of Arts and Sciences deepens students' understanding of their chosen fields, while teaching them

of their chosen fields, while teaching them to communicate and reason clearly and effectively. The College is committed to helping students advance their careers or continue studies for higher degrees.

### **Programs**

- Animation (M.A.)
- Animation (M.F.A.)
- Chemistry (M.S.)
- Clinical Mental Health Counseling (M.A.)
- Communication (M.A.)
- Creative Writing (M.F.A.)
- Creative Writing and Literature for Educators (M.A.)
- Education for Certified Teachers (M.A.)\*
- Educational Leadership (M.A.)\*\*
- Film (M.F.A.)
- Health Science (M.H.S.)
- Psychology
- Industrial/Organizational Psychology (M.A.)
- Teaching (M.A.T.)\*\*\*

Graduate courses in mathematics are available to students in the M.A.T. program and to qualified undergraduates with the permission of the department.

### **Faculty & Staff**

### Administration

G.S. Weinman, Dean J. Lehr, Associate Dean

\*While the Master of Arts in education for certified teachers (see pages 126–131) is awarded through FDU's University College: Arts • Sciences • Professional Studies on the Metropolitan Campus, Teaneck, New Jersey, nearly all courses required in fulfillment of the degree are offered at the Florham Campus, Madison, New Jersey.

\*\*Master of Arts in educational leadership (see pages 132–133).

\*\*\*Master of Arts in Teaching (see pages 137–140)

### School of the Arts

T. Rosen, Director; H. Libov, Chair and Director, M.F.A. in Film; R. Barkley, Director, M.A. and M.F.A. in Animation; R. Chace, Director, M.A. in Creative Writing and Literature for Educators; J. O'Neil, Coordinator of Graphic Design; R. Steinke, Director, M.F.A. in Creative Writing; J. Cinco, G. Cochrane, A. Cohen, D. Daniel, D. Grand, E. Hoffman, S. Hollis, D. Landau, S. Lents, C. Loewus, J. Moonelis, J. Shaw

### Department of Biological and Allied Health Sciences

J. Salierno, Chair; J. Agugliaro, M. El-Sherbeini, S.R. Hardie, T. Loreng, P. Melloy, E. Morton, E. Myers-Arnold, B. Narayanan, H. Parzer

### Department of Chemistry and Biochemistry

A. Teslja, Chair; G. Anderle, M. Avaltroni, S. Bashkova, J. Bogart, M. Elshaer, E. Salaski

# Department of Communication Studies

G. Radford, Chair; C. Caldiero, K. Dunsmore, C. Foster, K. Haspel, S. Latson, J. Lehr

### Department of Literature, Language, Writing and Philosophy

M. Boyd, Chair; P. Bazán-Figueras, S. Belen-Ramos, P. Benson, L. Corces, K. Douglas, A. Fader, N. Ghosh, O. Makridis, G. Pastorino, A. Patrick, A. Patton, F. Pinto, B. Rabinowitz, E. Reid, K. Sammond, G. Weinman

#### Department of Mathematics, Computer Science and Physics

L. Khreisat, Chair; I. Darwish, B. Knorr, R. Mayans, J. Namazi, P. Penrice, D. Richton, K. Sharma, G. Singh, N. Sinha, M. Slaby, Y. Teper, D.R. Tracy

### Department of Psychology and Counseling

A. Tasso, Chair; D. Brown, D. Calcagnetti, T. Conklin, D. DeNigris, R. Griffo, E. Harrington, A. Wagener, D. Wentworth

# Silberman College of Business

Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and Vancouver Campus, British Columbia, Canada

### James G. Almeida, Interim Dean

The Silberman College of Business is accredited by AACSB International - The Association to Advance Collegiate Schools of Business. AACSB is the premier business school accrediting body.

Silberman College is a tricampus college of the University, offering graduate programs at the Florham Campus, Madison, New Jersey, and on the Metropolitan Campus, Teaneck, New Jersey. Its major goal at the graduate level is to develop the analytical ability and perspective of the graduate student in order to contribute to success as a responsible executive.

The College, a community of committed educators, administrators and staff, has as its mission to instill in its students a superior level of businessmanagement competence by offering distinctive programs that blend academic excellence and practical business knowledge with a global multicultural orientation.

The College aims to achieve recognition as a leading provider of high-quality, innovative education in business administration and as a leader in the enhancement of the practice of business management through the applied research and professional activities of the faculty.

The College achieves its mission through:

- Curricula that are directed to the educational growth of students and are responsive to the needs of the business community,
- Teaching excellence in all programs,
- Research capabilities that advance the practice of business management and
  Close ties with the business community served by the College.

The College includes several institutes to support graduate business education. The Rothman Institute of Innovation and Entrepreneurship provides students with cross-disciplinary opportunities to explore the meaning and process of capitalism and free enterprise in the nation's economy.

### **Major Programs of Study**

- Master of Business Administration (M.B.A.) Specializations Accounting Business Administration Finance International Business (Metropolitan Campus only) Management
  - Marketing

Pharmaceutical Management Studies (Florham Campus only)

- Master of Business Administration (M.B.A.) — Management for Executives — General Management
  - Health Sector Management
- Master of Science (M.S.) Accounting
- Master of Science (M.S.) Digital Marketing (online only)
- Master of Science (M.S.) Supply Chain Management
- Master of Science (M.S.) Taxation (Florham Campus only)

In addition to the above programs, the College offers a post-M.B.A. graduate certificate. Students with an M.B.A. may receive certification in a second major upon completion of an additional 12 required and elective credits for that major.

### **Faculty & Staff**

Administration

J.G. Almeida, Interim Dean and Associate Dean for Graduate Programs J.D. Wischnevsky, Assistant Dean for Undergraduate Programs P. Caliguari, Director, Executive Programs R. West, Director, Tax Program

# Department of Accounting, Taxation and Law

R. West, Chair; F. Brunetti, D. Buzinkai, M. Calderisi, D. Collier, Z. Fried, S. Guempel, A.J. Rosman, H. Rozen, V. Sampath, J. Schiff, A. Schultzer, J. Skarbnik, Y. Yan

# Department of Economics, Finance and International Business

K. Denning, Chair; P. Anastasopoulos, K. Betz, E. Cowan, F. Englander, J. Kiernan, R. Kjetsaa, C. Ng, S. Tuluca, X. Yang

## Department of Marketing, Information Systems and Decision Sciences

L. Qin, Chair; A. Bazargan, G. Bronson, R. Chandrashekaran, Y. Demotta, B. Ertimur, A. Fask, J. Hsu, M. Kieff, Y. Kim, K. Masten, K.G. Mun, J. Reid, M. Sedaghat, X. Tan, Z.Wang, K.P. Yoon

### Department of Management and Entrepreneurship

G. Jones, Chair; J.G. Almeida, S. Bear, S. Behson, D. Celentano, G. Farias, T. Hansbrough, J. Harmon, I. Krysa, O. Nwachukwu, D. Scotti, G. Sollars, J.D. Wischnevsky

### Rothman Institute of Innovation and Entrepreneurship

D.G. Caldwell, Executive Director

### Anthony J. Petrocelli College of Continuing Studies

Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and Vancouver Campus, British Columbia, Canada

### Lisa R. Braverman, Dean

The Anthony J. Petrocelli College of Continuing Studies, formerly known as New College of General and Continuing Studies, offers adult learners a convenient and flexible program for their special educational needs.

Recognizing that the student profile on most U.S. campuses is changing dramatically, the University's Petrocelli College was introduced to provide a unified approach and enhanced focus on the adult learner and to continue to position FDU as a leader in providing learning opportunities in a strong academic foundation for students of all ages.

The College features programs integral to the University's commitment to serve "lifelong learners." These include seven graduate degree programs and postbaccalaureate education and nondegree programs, with many credit, noncredit and certification options. In addition, Petrocelli College features precollege programs and two- and fouryear undergraduate degree offerings for adults. For the financial planning certificate program, the paralegal studies program and other continuing education programs go to

http://view2.fdu.edu/academics/ continuing-education/.

In conjunction with the other colleges, Petrocelli College also is heavily involved with distance-learning initiatives, summerand winter-session programming and the support and development of credit certificate programs.

While based on the Metropolitan Campus, the College offers programs on both New Jersey campuses, at more than 25 offsite locations throughout the state of New Jersey, and at Vancouver Campus, British Columbia, Canada. Courses are offered in formats, at times and in locations convenient for adult learners.

### **Programs**

- Administrative Science (M.A.S.)
- Cyber and Homeland Security Administration (M.S.)
- Hospitality Management Studies (M.S.)
- Service Innovation and Leadership (M.S.)
- Sports Administration (M.S.A.)
- Student Services Administration (M.A.)

#### Faculty & Staff Administration

L.R. Braverman, Dean D. Fredericks, Associate Dean for Continuing Education

K. Zatz, Assistant Dean, School of Administrative Science

P. Dar, Executive Director of Marketing

A. Sperrazza, Executive Director of Enrollment Management

F. Alonso, Director, *Puerta al Futuro* Program and Latino Promise and HACER Program

J. Steiner, Director, Online Programs

J.H. Behnke, Director of Web,

Instructional Technology and Online Learning

M. Haines, Director of Student Support Services

J. Niser, Director, International School of Hospitality and Tourism Management

J. Lue Raia, Director of Corporate Outreach and Training

D.L. Ganley, Senior Coordinator for Offcampus Credit Programs

J. Sahni, Coordinator of Online Programs *Faculty* 

C. Acosta, F. Alonso, W. Antoine, J. Ariken, W. Aroca, B. Assadi, J. Bachman, M. Barto, P. Blank, J. Buenahora, C. Bygrave, M. Collado, J. Devine, P. Durso, A.K. Garg, I. Gersh, M. Hawzen, D. Hoover, F. Karger, J.C. Kim, E. Kovacs, L. Kurland, P. Laubsch, X. Li, T. Llallire, R. Lubisco, P. MacIntyre, S. McCloud, R. Medaska, A. Nicki, F. Oliver, E. Oliveros, M. Oujo, A. Ritz, R. Rosada, H. Roy, W. Schuber, R. Selig, M. Shakona, T. Swanzey, W. Toms, L. Ultan

### University College: Arts • Sciences • Professional Studies

Metropolitan Campus, Teaneck, New Jersey, and Vancouver Campus, British Columbia, Canada

### Vicki L. Cohen, Interim Dean

University College: Arts • Sciences • Professional Studies, is committed to educating students for the world.

University College emphasizes professionally accredited and careeroriented programs that prepare future leaders to work effectively in a global environment, regardless of profession. Its wide array of programs is strongly grounded in the liberal arts, recognizing that professionals in all fields require a multidisciplinary and multicultural perspective to be successful. The college also stresses experiential and field-based learning through internships, studentdirected research, cooperative education and community service that supplement academic instruction, enhance careerrelated experiences and develop students' social and moral identities as productive citizens.

The mission of University College is facilitated by its location in northern New Jersey's Bergen County and proximity and ease of access to New York City. Courses and curricula incorporate the unique commercial, scientific and cultural resources of the metropolitan area to create a learning laboratory of exceptional diversity and richness. The resources of this vital cosmopolitan area contribute to all aspects of University College activity and, at the same time, the College maintains a suburban campus atmosphere.

University College offers a wide range of undergraduate and master's degree programs in such areas as psychology, criminal justice, education, the natural sciences, nursing, engineering and technology, computer science, media and communication and the humanities. Many of its schools offer accelerated and combined undergraduate/graduate degree programs as well as special areas of concentration and minors.

University College is organized into schools to be more responsive to student needs. Specifically, there are eight schools within the college:

• The School of Art and Media Studies covers the disciplines of communication, fine arts and multimedia studies.

• The Lee Gildart and Oswald Haase School of Computer Sciences and Engineering covers the disciplines of civil engineering, computer engineering, electrical engineering, mechanical engineering, computer science, cybersecurity and information assurance, electronic commerce, engineering technology, information technology, management information systems and mathematics. Accredited undergraduate programs are offered in electrical engineering, electrical engineering technology, civil engineering technology, computer science, construction engineering technology and mechanical engineering technology.

• The School of Criminal Justice, Political Science and International Studies covers the disciplines of criminal justice, criminology, private security, political science and international studies. Programs at the undergraduate and graduate level are offered.

• The Peter Sammartino School of Education offers accredited programs for teacher certification in elementary and secondary education, education for certified Teachers, educational leadership, English as a second language, teaching English as a second/foreign language, teacher of students with disabilities and learning disabilities consultant.

• The School of the Humanities covers the disciplines of English, history, philosophy, humanities, foreign languages, religion and interdisciplinary studies.

• The School of Natural Sciences houses the disciplines of biology, biochemistry and chemistry.

• The Henry P. Becton School of Nursing and Allied Health includes the disciplines of nursing and allied health including a Doctor of Nursing Practice (D.N.P.). Accredited programs are offered in nursing, medical technology and radiography.

• The School of Psychology houses the discipline of psychology, including an accredited Ph.D. program in clinical psychology and a Psy.D. program in school psychology.

### **Programs**

- Biology (M.S.)
- Chemistry (M.S.)
- Computer Engineering (M.S.)
- Computer Science (M.S.)
- Cosmetic Science (M.S.)
- Criminal Justice (M.A.)
- Cybersecurity and Information Assurance (M.S.)
- Education for Certified Teachers (M.A.) (Reading Specialist Certification)
- Educational Leadership (M.A.) (Principal/Supervisor Certification)
- Electrical Engineering (M.S.E.E.)
- Electronic Commerce (M.S.)
- Learning Disabilities (M.A.) Teacher of Students with Disabilities
- Management Information Systems (M.S.)
- Mathematical Foundations (M.A.)
- Medical Technology (M.S.)
- Nursing (M.S.N.)
- Nursing Practice (D.N.P.)
- Political Science (M.A.)
- Psychology
- Clinical Psychology (Ph.D.)
- Clinical Psychopharmacology (Postdoctoral M.S.)
- Forensic Psychology (M.A.)
- General/Theoretical Psychology (M.A.)
- School Psychology (Psy.D.)
- School Psychology (M.A.)

 Teaching (M.A.T.) Teacher Certification Preschool to Grade3; Elementary Education/K–6; English as a Second Language; Bilingual Education (ESL); Secondary Education Content Area/K–12 (Art, Biological Sciences, Chemistry, Earth Science, English, Mathematics, Physical Science, Physics, Social Studies, World Languages)

• Teaching English as a Second/Foreign Language (TESL/TEFL) (M.A.) (International students only)

In addition to the above programs, the College offers a postbaccalaureate respecialization program in psychology certificate. Programs in Language, Culture and Professional Advancement (PLCPA) offers courses in English for Specific Purposes (ESP) for international students and any interested domestic students. These courses are called English for Professional Success (EPS). The College also offers several postbaccalaureate certificate programs training teachers for the Orton-Gillingham approach to reading instruction.

### **Faculty & Staff**

**Administration** V.L. Cohen, Interim Dean J. Boyd, Interim Associate Dean

#### School of Art and Media Studies

J. Boyd, Interim Director; Y. Aronson, B. Battistoli, K. Buzzard, T. LoPonte, M. Roberts, Z. Sun

#### Lee Gildart and Oswald Haase School of Computer Sciences and Engineering

A. Tan, Director; H. Silver, Deputy Director; S. Abdelazim, V. Alizadeh, M. Azarderakhsh, A. Casti, Z. Chen, W. Choi, W. Dai, M. Farag, S. Huddy, V. Janarthanan, F. Jnaid, Y. Kim, E. Kose, B. Lefkowitz, M. Lewis, Y. Liu, Z. Mao, K. Mondal, S. Mukherjee, A.R. Rao, Y. Tang, A. Vatsa, H. Zhao

# School of Criminal Justice, Political Science and International Studies

S. Raphalides, Director; D. Evans, E. Garcia, J. Kenny, K. Kattelman, B. Ojo, E. Panuccio, N. Sachs

### Peter Sammartino School of Education

M. Singer, Interim Director; J. Bornstein, M. Farrell, N. Hansen, E. Hellerman, J. Jones, K. Joshi, C. Karpinski, L. Meskin, T. Montani, L. Ray, K. Spence, S. Suh, R. Westbrook

#### School of the Humanities

J. Boyd, Director; J. Gifford, F. Ingledew, M. Pitts, C. Rasmussen, J. Scorza, C. Shanafelt, A. Velásquez, J. Wagner, L. Winters, W. Zimmerle

#### School of Natural Sciences

J. Dougherty, Co-director; M. McClary, Co-director; A. Benzecry, G. Dorata, I.R. Isquith, I. Kumar, M. Leonida, R. Lo Pinto, A. Murphy, G. Nandikotkur, N. Philips, J. Stout, A. Wallace, M.P. Warunek

#### Henry P. Becton School of Nursing and Allied Health

M. Guttman, Director; S. Colon Cabassa, Associate Director for Undergraduate Programs; M. Rossignol, Associate Director for Florham Programs; M. Rubin, Associate Director for Allied Health; B. Yu, Associate Director for Graduate Program; M. Vargas, Coordinator, D.N.P. Program; J. Couper, H. Egbuonu, N. Edwards-Hammond, C. Garzone-Johnson, E. Graulich, C. Jasko, M. Molloy, S. Palmer, J. Regan-Livingston, A. Sanzari, P. Ukaigwe, C. Werther

### School of Psychology

R. McGrath, Director; S. Armeli, C. Bergstein, C.A. Capuano, A. Eisen, B. Freer, M. Guiney, J. Lachenmeyer, K. Loeb, E. McGlinchey, E. Oak, D. Pogge, R. Prentky, C. Radnitz, L. Tiersky, K. Viezel, G. Winters, J. Zibulsky

### Department of Physical Education

C. Liggett, Coordinator

# Programs in Language, Culture and Professional Advancement

M. Mohamad, Director, University College: Arts • Sciences • Professional Studies, Metropolitan Campus and Vancouver Campus

### School of Pharmacy and Health Sciences

Florham Campus, Madison, New Jersey (230 Park Avenue, Florham Park, New Jersey)

Michael J. Avaltroni, Dean

### **Programs**

• Health Sciences (M.H.S.)

• Pharmacy (Pharm.D.)

• Public Health (M.P.H.)

### **Faculty & Staff**

### Administration

M.J. Avaltroni, Dean A. Rivkin, Assistant Dean for Faculty

B. Rossi, Assistant Dean for Experiential Education

C. Sandifer, Assistant Dean for Students Affairs and Programmatic Effectiveness B. Berić-Stojšić, Director of Master of Public Health Program

### Faculty

A. Carbone, H. Cho, A. Dushenkov, S. Falbaum, K. Frey, A. Gallipani, Y. Guo, J. Han, O. Iwuchukwu, P. Jungsuwadee, J. Kalabalik, N. Kalhoff, D.P. Kim, C. Lam, M. Leibfried, A.E. Özdener, J. Palummo, K. Patel, S. Patel, A. Pennoyer, R. Quinn, N. Ryba, L. Rozaklis, M. Slugocki, J. Sullivan, G. Vaidean, L. Westrich, A. Zelinski

# School of Public and Global Affairs

Florham Campus, Madison, New Jersey; and Metropolitan Campus, Hackensack, New Jersey

### Peter J. Woolley, Founding Director

The School of Public and Global Affairs is distinguished by project-based learning in multinational classes led by accomplished practitioners focusing on issues of both local and global importance. The school also includes the nationally recognized FDU Poll.

### Programs

- Global Affairs (M.A.)
- Public Administration (M.P.A.)

### **Faculty & Staff**

P.J. Woolley, Founding Director P. Laubsch, M.P.A. Program Coordinator D. Cassino, Director of Experimental Research, FDU Poll

R. Higginson, Director of Market Research, FDU Poll K. Jenkins, Executive Director, FDU Poll A.C. Innes, Assistant to the Director

### Faculty

A. Adrignolo, H. al-Bayati, J. Buenahora, W. Roberts