HEALTH SERVICES

Department Overview
Health care is one of the most rapidly growing career fields in the United States. Aging baby boomers, new medical technology and interest in maintaining healthy lifestyles created demand for committed and compassionate professionals with a strong understanding of the bio psychosocial aspects of health and wellness. The B.S. in Interdisciplinary Health Services (IHS) prepares students for health care positions in hospitals, public health departments, human service agencies, clinical research and the healthcare industry. The majority of IHS graduates proceed to clinical or graduate school to study allied health fields, such as nursing, physical therapy, occupational therapy, speech therapy, physician assistants, pharmacy, or public health. Of the graduates who seek employment immediately after graduation, 61% work in health/ medicine/biotechnology, 17% in human and community service, 11% in insurance and 11% in education or government. Careers include health administrators, managed care analysts, health educators, program coordinators, patient representatives, and patient care technicians.

The IHS program offers comprehensive education in the natural sciences, public health, health care systems, and social sciences. Students are introduced to a broad array of medical issues such as heart disease, diabetes, stroke, addictions, injuries, violence, autism, and adverse childhood experiences. Courses address the socio-cultural influences of health, health behaviors, health care systems, legal and ethical concerns, nutrition, mental health, integrative medicine, epidemiology and health promotion. The IHS major provides flexibility so that students may tailor coursework based upon interests and career goals. The health services faculty represent many years of experience in health care and are able to guide students in developing their own unique career paths. Students are encouraged to complete prerequisites needed for graduate programs, study abroad or minor in biology, chemistry, psychology, sociology or business. Consistent with our Jesuit mission of cura personalis and social justice, the department encourages majors to learn inside and outside of the classroom. Volunteering with local service agencies interning in a local hospital, or participating in summer scholars, allows students to experience different healthcare careers and to build professional portfolios. The Department models interdisciplinary, collaborative approaches, encouraging students learn to partner with patients, family members, community organizations and colleagues in other disciplines to face the challenges of emerging and re-emerging diseases.

Graduate Arts and Sciences
Michelle Rowe, Ph. D. Professor and Chair
Department of Health Services
110 Post Hall
610-660-1576
mrowe@sju.edu

Louis D. Horvath, MA Graduate Director
Department of Health Services
100 Post Hall
610-660-2907
lhorvath@sju.edu

Mission Statement
Consistent with our Jesuit roots and Ignatian goals of education, the graduate programs in Health Services are built on a liberal arts foundation with an emphasis on ethics, social justice, and professional competency. By enhancing skills in verbal communication, writing, critical thinking, quantitative analysis, globalization, and diversity, health services graduate programs prepare graduates to confront current and emerging issues in healthcare.

Department Programs
The Department of Health Services offers Master’s degree programs designed to meet the interests, needs, and personal and professional growth of health and medical professionals. Programs in Health Administration, Health Education, a joint program in Health Administration and Health Education are offered. Concentrations in Informatics and Organizational Development and Leadership are designed to provide rigorous and comprehensive study for those seeking to enhance professional credentials. Core philosophies are professional competence, creative problem solving, respect for all persons, social justice in health care and medicine, and collaborative approaches to health promotion and disease prevention.

Admission Requirements and Procedure
The Health Services graduate programs are designed to provide advanced training for people who have two or more years of work experience in the health professions. Application forms are available online at http://www.sju.edu/academics/cas/grad/index.html.

Applicants should submit to the Office of Graduate Admissions the following:

• a completed Saint Joseph’s University graduate application.
• Official sealed transcript(s) of undergraduate and any graduate coursework. Saint Joseph’s University graduates do not have to obtain their transcripts. The program will access your transcripts.
• a current résumé
• two letters of recommendation appraising the candidate’s promise and capacity for graduate study, reflecting, from a professional’s point of view, the candidate’s ability to pursue a rigorous, independent course of study at the graduate level. Often one of these comes from a former faculty member and one from a current employer, but two employer references or two academic references are acceptable.
• a two-to-three page (500 to 750 words) personal statement outlining the candidate’s professional goals and educational objectives for the program, including the applicant’s rationale for program choice and professional study.
• $35 application fee – waived if attended an Open House or if a SJU graduate.

The Graduate Committee looks for both a strong academic record and serious interest in the health professions. The personal statement should articulate reasons for selecting this particular program and discuss the applicant’s personal goals and strengths. A personal interview may be required if additional or further information is needed.

Course Load
In order to meet the needs of working adults, courses are offered in a variety of formats, including the traditional one evening per week format; a five-day, weekend format, or on-line and hybrid formats. A full-time course load is three courses (9 credits) per term for fall and spring semesters and two courses (6 credits) for the summer term. Students who are working full-time should take no more than two courses (6
credits) in the fall and spring terms, and one course (3 credits) for each summer term.

The Director of Graduate Health Services Programs must approve any exceptions to this policy. Students requesting full time status should submit a letter in writing to the Director stating that they are working less than 20 hours per week during the semester(s) in which full-time status is sought.

**Professor:** M. Michelle Rowe, Ph.D.

**Assistant:** Anne Fetherston, Ph.D., BCBA-D; Eileen L. Sullivan, Pharm.D.

**Visiting:** Ruthy M. Watson

Chair: Rowe

### Undergraduate Majors

- Interdisciplinary Health Services (https://academiccatalog.sju.edu/arts-sciences/health-services/interdisciplinary-health-services-major)

### Undergraduate Minors

- Interdisciplinary Health Services (https://academiccatalog.sju.edu/arts-sciences/health-services/minor-interdisciplinary-health-services)

### Graduate Degree

- Master of Science in Health Administration (https://academiccatalog.sju.edu/arts-sciences/health-services/ms-health-administration)
- Master of Science in Health Education (https://academiccatalog.sju.edu/arts-sciences/health-services/ms-health-education)
- Master of Science in Health Administration and Health Education Joint Degree (https://academiccatalog.sju.edu/arts-sciences/health-services/ms-health-administration-health-education-joint-degree)

### Adult Undergraduate B.L.S.

- Health Administration (https://academiccatalog.sju.edu/arts-sciences/health-services/health-administration)

### Adult Undergraduate Certificates

- Post-Baccalaureate Pre-Health Services (https://academiccatalog.sju.edu/arts-sciences/health-services/post-baccalaureate-pre-health-science-certificate)

### Health Administration

**HAD 101 Intro to Health Administration (3 credits)**

An introduction to health care services focusing on current components, practices, issues, and trends in the health delivery system. Emphasis is placed on the social, political, economic, legal, and technological forces that affect health care.

*Attributes: Undergraduate*

**HAD 110 Prin Publ Hlth & Epidemi (3 credits)**

A survey of environmental, communicable, chronic, and genetic health problems and the public health and epidemiological responses to them. Basic epidemiological concepts, strategies, research, methodologies, and statistical tools will be introduced.

*Attributes: Undergraduate*

**HAD 115 Research Methods in HAD (3 credits)**

Health Services Research explores the history of health research, basic principles and types of research in order that health administrators will be able to critically evaluate research in healthcare. This course is a combination of lecture, discussion and experiential learning designed to instill a critical understanding of the research process for application to professional practice.

**HAD 120 Fin Mgt Hlth Care Organization (3 credits)**

An advanced application of the current issues and techniques affecting financial management in the health care system. Topics include cost accounting, cost benefit analysis, accountability in not-for-profit/non-profit institutions, prospective and third party payments, management information systems for operational and fiscal control, and cost containment. Prerequisite: HAD 101.

*Prerequisites: HAD 2605 or HAD 100 or HAD 101*

*Restrictions: Enrollment is limited to PLS/HDC level students.*

*Attributes: Undergraduate*

**HAD 200 Health Care Law & Ethics (3 credits)**

An overview of the legal and ethical issues central to the health care delivery system and their impact on individual institutions and professionals. The relationships among biomedical and research technology, societal changes, court rulings, and governmental legislation within the context of the health care system will be examined. Prerequisite: HAD 101.

*Prerequisites: HAD 2605 or HAD 100 or HAD 101*

*Restrictions: Enrollment is limited to PLS/HDC level students.*

*Attributes: Undergraduate*

**HAD 210 Plan & Mktg Health Care Org (3 credits)**

An introduction to general strategic planning and marketing for health care systems with particular emphasis on the evolution from a provider-controlled environment to a consumer market. Review of key factors such as rising costs, increasing competition, legislation/regulation, technological advancements, and increased consumer sophistication.

*Attributes: Undergraduate*

**HAD 220 Health Policy (3 credits)**

An overview of how health care policy is enacted in the U.S. Analysis of how the expansion of government programs and regulations since 1965 have influenced health care delivery. Emphasis will be placed on current policy questions and important health care policy debates.

*Prerequisites: HAD 2605 or (HAD 100 or HAD 101)*

*Attributes: Undergraduate*

**HAD 301 Health Info Mgmt Systems (3 credits)**

A critical skill for health administrators is to be able to gather, organize, analyze and safely store important health information. This course provides an overview of healthcare information management and applications within healthcare organizations. Prerequisite: HAD 101

*Restrictions: Enrollment is limited to PLS/HDC level students.*
HAD 310 Seminar in Hlth Administration (3 credits)
Taken with the Practicum, this course is the capstone for integration between theory and practice of health administration. Each student will be responsible for the preparation of a research paper on a topic in health administration. Topics of emphasis will include health services research, administration in health settings, organizational development, human resource development, and current issues relevant to student field practicums. Students must have permission before enrolling.
Prerequisite: HAD 101, 110, 120, 200, 210, and 220.
Restrictions: Enrollment is limited to Graduate level students.

HAD 346 Admin Health Care Organization (3 credits)

HAD 551 Managed Health Care (3 credits)

HAD 552 Health Administration (3 credits)
An introduction to the principles of administration within health and human services organizations and the basic concepts of leadership and organizational theories relevant to effective administration of healthcare institutions. Organizations are viewed as open systems requiring constant interactions with the environment. Considerable emphasis is placed on quality improvement and organizational change.
Restrictions: Enrollment is limited to Graduate level students.

HAD 553 Health Care Organization (3 credits)
An overview of the organization, structure, and financing of the healthcare delivery system in the United States. The various elements comprising the system will be presented, along with an exploration of the basic concepts and measures of health, disease, needs, quality, and utilization. Issues in healthcare resourcing, institutions, and system organization will be examined.
Restrictions: Enrollment is limited to Graduate level students.

HAD 554 Health Law (3 credits)
An examination of the major legal issues encountered in the healthcare field by administrators and practitioners. Among the topics to be included are principles of liability, legal aspects of medical ethics, and legislative and regulatory factors in health care delivery.
Restrictions: Enrollment is limited to Graduate level students.

HAD 555 Acc for Health Care Organiztns (3 credits)
An introduction to basic accounting techniques used in the healthcare industry. Prerequisites: three core courses – HAD 552, HAD 553, HAD 600, HSV 550, or HSV 551.
Restrictions: Enrollment is limited to Graduate level students.

HAD 556 Fin Manag of Health Care Org. (3 credits)
An introduction to the basic theories and practices of financial management as they relate to healthcare organizations. Course includes budgeting principles. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, and HSV 551.
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Restrictions: Enrollment is limited to Graduate level students.

HAD 557 Health Care Strat Plan & Mktg (3 credits)
An introductory course that examines the foundations, principles, and basic applications of this field. Internal and external forces that shape marketing policies and planning are explored. Topics include the development of marketing strategies and programs, as well as marketing mix variables and general healthcare planning. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.

HAD 558 Hospital Administration (3 credits)
In depth study of hospital operations with emphasis on not-for-profit/nonprofit settings; focus on departmental operations, role of administration, the board, and medical staff. Includes legal and reform trends affecting hospitals, financial mechanisms, budgeting, labor relations and corporate restructuring. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.

HAD 559 Health Policy (3 credits)
The formulation and analysis of health policy at federal, state, local, and corporate levels. This course presents an overview of the legislative, regulatory, and political processes and their effect on the health care system. This course will provide a conceptual and analytic framework for bioethical policy analysis regarding policy formulation, adoption, implementation, operation, evaluation, and termination. Pragmatic application of policy analysis tools is included.
Restrictions: Enrollment is limited to Graduate level students.

HAD 560 Health Care Informatics (3 credits)
A survey of the current use of information technology in the clinical and management practice for the healthcare delivery enterprise. Students will become familiar with the basic terminology, strategies, and utilization of IT as a key component in the delivery of patient care. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.

HAD 561 Health Care and the Internet (3 credits)
Examination of the specific roles that internet technology plays in healthcare. Observations and trends that play a significant role in improving the quality of healthcare delivery will be discussed. Various components such as intranets, extranets, knowledge management and web design concepts will be explored.
Restrictions: Enrollment is limited to Graduate level students.

HAD 562 Hlth Info Mgt Sys Data & Infra (3 credits)
Analysis and case study of IT networks, internets, data interchange, data access, and data management. Prerequisite: for Healthcare Informatics students only and HAD 560 is preferred.

HAD 563 Hlth Info Mgt Syst Appl (3 credits)
Case study of the foundation and incorporation of the critical IT applications in the modern healthcare delivery enterprise. Specific applications will be explored with an emphasis placed on the practice of Managed Care. Note: This course is available for Healthcare Informatics students only. It is preferred that students have taken both HAD 560 and HAD 562 before taking this course.

HAD 564 Computer-Based Patient Record (3 credits)
An in-depth analysis of the Institute of Medicine’s (IOM) standards, requirements, attributes, and benefits of the CPR and its use in the healthcare delivery enterprise. The use of data warehouses, data repositories, and integration technology will be explored relevant to CPR development along with the various issues and strategies for implementation.
HAD 565 Decision Support & Data Analy (3 credits)
HAD 566 Hlth Info Syst Res Mngt (3 credits)
HAD 567 Leadership, Strat & Plan HIMS (3 credits)
HAD 570 Psyc Aspects Chncl Ill & Disb (3 credits)
A survey of psychological, social, and behavioral theories and principles as they relate to the experiences of chronic illness and disability. The course will emphasize the impact of these experiences on the patient in terms of motivation and life satisfaction, restructuring social support systems, and changes in psychosocial/developmental needs. Attention will be given to the changing role of the health professional as direct care provider, manager, consultant, and advocate. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.
HAD 600 Ethics of Health Care (3 credits)
A critical examination of the central ethical issues in the healthcare field. Issues to be treated include euthanasia, life-prolonging medical technologies, abortion, screening for genetic defects, experimentation and informed consent, distribution of scarce medical resources, the right to healthcare, and its implications for the healthcare delivery system. Necessary background in moral philosophy will be provided.
Restrictions: Enrollment is limited to Graduate level students.
HAD 601 Fieldwork in Health Admin (3 credits)
Students who have a GPA of 3.5 or higher may pursue experiential learning through fieldwork or internship in an approved healthcare facility or nonprofit organization. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, HSV 551 plus one administrative course (either HSV 554, HAD 555, HAD 556 or HAD 560).
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Restrictions: Enrollment is limited to Graduate level students.
HAD 602 Directed Resrch in Health Serv (3 credits)
The Health Services Department provides opportunities for selected students to conduct independent research under the supervision of department faculty. Students desiring to participate in Directed Research must identify and meet with a faculty mentor, submit a formal research proposal with proposed timeline for completion, and obtain approval for the project from the faculty mentor, program director, department chair and associate dean. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, HSV 551 plus one administrative course (either HSV 554, HAD 555, HAD 556 or HAD 560).
Restrictions: Enrollment is limited to Graduate level students.
HED 553 Program Planning for Wellness (3 credits)
A foundation course in the development of health education programs for hospitals, work sites, community, and schools. Discusses models for health behavior, assessment of health education needs, design and implementation of interventions, program marketing, and evaluation of efficacy.
Restrictions: Enrollment is limited to Graduate level students.
HED 554 Curric Strat for Hlth Educators (3 credits)
Techniques combining the cognitive, affective, and psychomotor domains in individual and group learning are discussed. Leading models for curriculum development and implementation are emphasized. Mechanics for construction of goals, curriculum design, objective writing, and learning behaviors are stressed. Models for evaluation and needs analysis are examined. The role of the trainer in the organization is also explored, along with strategies for maximizing one's position in the organization. Ethical, legal, and moral questions arising in the health education arena are examined. Prerequisite: HED 553
Restrictions: Enrollment is limited to Graduate level students.
HED 560 Bio-Psycho Char: Aging American (3 credits)
Areas of study include theories of aging, bio-psychosocial/spiritual characteristics of older people, family systems and non-systems, resources, policy, legislation, and activism.
Restrictions: Enrollment is limited to Graduate level students.
HED 561 Human Sexuality (3 credits)
Content provides sexual awareness and personal growth in the area of interpersonal sexuality. Through participation in a variety of class activities, students increase comfort level in communicating about sexual attitudes, feelings, and behaviors. Sexually transmitted infections, reproductive inefficiencies, and cultural issues are discussed.
Restrictions: Enrollment is limited to Graduate level students.
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HED 563 Behvrl Hlth of Childrn & Youth (3 credits)
HED 564 Hlth Educ of the Impaired (3 credits)
HED 565 Hlth Educ of Women (3 credits)
HED 566 Hlth Info Syst Res Mngt (3 credits)
Health Education
HED 551 Map Hlth Res, Pn, Pol Dev&Mkt (3 credits)
Based on the ARCVIEW Geographic Information Systems (GIS), this course is a practical introduction to the use of computer mapping and spatial analysis. The course uses the most current GIS technology to understand the environment and how it impacts public health. There is a large computer lab component to the course.
Restrictions: Enrollment is limited to Graduate level students.
HED 552 Epidemiology and Com Health (3 credits)
An introductory course exploring the basic concepts of epidemiology as a public health science, including rates and ratios, risk and association, causation and investigation of outbreak.
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HED 575 Stress and Crisis Management (3 credits)
Study of health problems related to stress and exploration of methods
to reduce the impact of stressors to improve bio-psychosocial health.
Demonstrates how to identify, isolate, and manage a crisis and how
to foresee future crises, as well as how to develop contingency plans.
Physiology of stress, relaxation, biofeedback, fear control, and cognitive
reacting are skills studied in relation to stress management.
Restrictions: Enrollment is limited to Graduate level students.

HED 576 Addictions (3 credits)
The study of the nature, causes, and intervention of substance abuse.
Historical and sociocultural trends are evaluated in view of current
addiction theories. Emphasis is placed upon the relation of addiction to
family and work environments, as well as the development of alternate
lifestyles.
Restrictions: Enrollment is limited to Graduate level students.

HED 577 Health Education in HIV/AIDS (3 credits)
The retrovirus of AIDS, the people, and the society it infects are the center
upon which this course is based. Current public health policy, ethics,
and politics of AIDS are examined. Emphasis is placed on skill-building
in health education, counseling, and referrals for persons with AIDS,
their families, and those individuals who test positive. The school and
and corporate sectors are explored, as well as high risk groups and global
AIDS.
Restrictions: Enrollment is limited to Graduate level students.

HED 578 Experiential Counseling (3 credits)
Theories and applications of counseling. Conceptual emphasis on the
"here and now" phenomenologic theory. Psychodrama is stressed. Ethics,
risk reduction, and the biopsychosocial/spiritual impactors on both the
counselor and the client are integral.
Restrictions: Enrollment is limited to Graduate level students.

HED 579 Principles of Administration (3 credits)
This course will provide an introduction to behavioral health issues
related to children and adolescents. Problems, risk factors, diagnosis and
treatment will be considered in the context of developmental theory.
Restrictions: Enrollment is limited to Graduate level students.

HED 580 Leadership Principles (3 credits)
An introductory course to acquaint the learner with needs and roles in
supervisional activity. Management styles, functions, and analyses, as
well as behavioral theory, are evaluated. Planning and decision-making,
dealing with the change process, motivation, coaching and counseling
techniques, performance appraisal, and control are examined.

HED 581 Physical Assessment: Nurse Anes (3 credits)
HED 582 Pharm Prin Nurse Anesthesia (3 credits)

HED 600 Dir Research in Hlth Ed (3 credits)
An opportunity to conduct a research project under the supervision of
a faculty member. Note: students may register for a directed research
study only after (a) submitting a research proposal to the program
director; (b) arranging for a faculty member to serve as mentor; and (c)
receiving explicit approval from the department chair.

HED 601 Fieldwork in Health Education (3 credits)
Individually arranged fieldwork in approved health education
environment. Students need permission of the program director before
registering. The program is designed to meet individual professional
goals and may only be taken once during a student's completions of this
degree program. All five core courses must be taken prior to enrolling in
this course.

HED 550 School Nurse Practicum (3 credits)

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HED 770 Special Topics in Hlth Educatn (3 credits)
The learning objectives of this course will be geared toward a specific
topic of current interest in the field of health education. The specific
topics and perquisites will be announced in the course schedule.
Restrictions: Enrollment is limited to Graduate level students.

Health Services
HSV 550 Health Services Research (3 credits)
Explores the history of health research, basic principles and types of
research in order that health professionals will be able to critically
evaluate research in their respective fields. This course is a combination
of lecture, discussion and experiential learning designed to instill a
critical understanding of the research process for application to clinical
practice.
Restrictions: Enrollment is limited to Graduate level students.

HSV 551 Managed Health Care (3 credits)
This course is an introduction to managed care including current and
evolving models, terminology, and differences among insurers and payer
types. The course will focus on the use of financial incentives to restrain
healthcare costs and the role of utilization review, peer review, provider.
Restrictions: Enrollment is limited to Graduate level students.

HSV 700 Integ Capstne Crs in Hlth Serv (3 credits)
An integrative capstone course in which the student is expected
to integrate and synthesize prior course work and to demonstrate
competence in health services through the analysis of complex cases
in health services delivery and management and the development of a

case of his/her own based on experience and observation. Integrative
Capstone should be the final course in the curriculum. Prerequisites:
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