DEPARTMENT OF INTERNATIONAL AFFAIRS

http://bush.tamu.edu/degree/mpia

Head: F. Gregory Gause, III

The Department of International Affairs offers graduate study leading to the degree of Master of International Affairs. The Master of International Affairs degree prepares students for a professional career in the field of international affairs, both at the governmental level and at the non-governmental level.

Faculty

Blackwell, James A, Lecturer
International Affairs
PHD, Tufts University, 1984

Castillo, Jasen J, Associate Professor
International Affairs
PHD, University of Chicago, 2003

Gause, Francis G, Professor
International Affairs
PHD, Harvard University, 1987

Gibson, Tobias T, Lecturer
International Affairs
PHD, Washington University in St. Louis, 2006

Gottlieb, Jessica A, Assistant Professor
International Affairs
PHD, Stanford University, 2013

Hamie, Christine S, Lecturer
International Affairs
PHD, University of York, 2007

Hermann, Charles F, Professor
International Affairs
PHD, Northwestern University, 1995

Hogler, Joe, Lecturer
International Affairs
PHD, University of Kent, 2011

Hudson, Valerie M, Professor
International Affairs
PHD, The Ohio State University, 1983

Kartchner, Kerry M, Lecturer
International Affairs
PHD, University of Southern California, 1987

Lasala, Phillip J, Lecturer
International Affairs
PHD, University of Nebraska - Lincoln, 2003

Layne, Christopher, Professor
International Affairs
PHD, University of California, Berkeley, 1981

Marin Thornton, Gabriela, Instructional Associate Professor
International Affairs
PHD, University of Miami, 2006

Mu, Ren, Associate Professor
International Affairs
PHD, Michigan State University, 2004

Natsios, Andrew S, Executive Professor
International Affairs
PHD, Harvard University, 1979

Nielsen, Rebecca C, Visiting Assistant Professor
International Affairs
PHD, Yale University, 2016

Norris, William J, Associate Professor
International Affairs
PHD, Massachusetts Institute of Technology, 2010

Olson, James M, Senior Lecturer
International Affairs
JD, The University of Iowa, 1969

Robertson, Raymond E, Professor
International Affairs
PHD, The University of Texas at Austin, 1997

Ross, Andy L, Professor
International Affairs
PHD, Cornell University, 1984

Russell, Richard L, Lecturer
International Affairs
PHD, University of Virginia, 1997

Schuessler, John M, Associate Professor
International Affairs
PHD, The University of Chicago, 2007

Sellars, Emily A, Assistant Professor
International Affairs
PHD, University of Wisconsin - Madison, 2015

Shiffrinon, Joshua I, Assistant Professor
International Affairs
PHD, Massachusetts Institute of Technology, 2013

Sievert, Ronald J, Senior Lecturer
International Affairs
DJ, The University of Texas at Austin, 1977

Smith, James M, Lecturer
International Affairs
DPA, The University of Alabama, 1993

Snider, Erin A, Assistant Professor
International Affairs
PHD, University of Cambridge, Trinity College, 2011
Tabar, Mohammad A, Assistant Professor
International Affairs
PHD, Georgetown University, 2012

Talbot, Brent J, Lecturer
International Affairs
PHD, University of Denver, 2003

Walker, Deborah E, Lecturer
International Affairs
JD, South Texas College of Law, 1986
MS, Texas A&M University, 1982

Young, Michael K, Professor
International Affairs
JD, Harvard Law School, 1976

**Masters**

- Master of International Affairs in International Affairs (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/government-public-service/international-affairs/mia)

**Certificates**

- Advanced International Affairs Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/government-public-service/international-affairs/advanced-certificate)

**Courses**

**INTA 601 Leadership in International Affairs: Institutions, Organizations and People**

Credits 3.3 Lecture Hours.

Provides the knowledge base for developing a deep understanding of the study of leadership and management and the role(s) of leaders in international affairs.

**INTA 603 American Diplomacy**

Credits 3.3 Lecture Hours.

Explores the use of diplomacy in American foreign policy during recent decades; description and assessment are undertaken of United States diplomatic efforts to pursue its vital interests and to respond to changing international conditions and challenges; specific regions or substantive issues may be highlighted in a given semester using a variety of learning strategies.

Prerequisite: Graduate classification.

**INTA 604 Politics of the Contemporary Middle East**

Credits 3.3 Lecture Hours.

Learn factors influencing the political course of the middle east, what makes the region seemingly "impervious" to worldwide trends, topics include regime types, influential political trends, the role of kinship, religion and tribe in opposition and regime politics, regional oil economy, democratic liberalization, growth of civil society.

Prerequisite: Graduate classification.

**INTA 605 American Foreign Policy Since World War II**

Credits 3.3 Lecture Hours.

An examination of American foreign policy from 1945 to the present; focus on decisions made by American elected and appointed officials at critical moments of the Cold War and after; theory provides a framework, but the focus is on practical matters that confronted decision-makers.

Prerequisite: Graduate classification.

**INTA 606 International Politics in Theory and Practice**

Credits 3.3 Lecture Hours.

The effects of international politics on the competing forces of global integration and disintegration are investigated and policy implications are considered, drawing upon theories of interstate politics.

Prerequisite: Admission to MPIA or approval of instructor.

**INTA 608 Fundamentals of the Global Economy**

Credits 3.3 Lecture Hours.

Examines three fundamental pillars of the global economy: international trade, international finance and foreign direct investment (FDI); appreciation for the complexities of the international environment from both theoretical and policy perspectives.

Prerequisite: Graduate classification.

**INTA 609/PSAA 667 Principles of International Law**

Credits 3.3 Lecture Hours.

Introduction to the nature and sources of international law, including jurisdiction of states; law governing the making, interpretation, application and termination of treaties and agreements; recognition of states and government; nationality of persons and corporations; state immunities from jurisdiction and control; and human rights.

Prerequisite: Graduate classification.

**INTA 610/PSAA 668 U.S. Law and Homeland Security**

Credits 3.3 Lecture Hours.

Analyze the threat to the homeland as reflected in a number of pre and post 9/11 commission reports; master's level course intended for individuals preparing for professional careers in the conduct of international affairs.

Cross Listing: PSAA 668/INTA 610.

**INTA 611 Authoritarianism and Political Elites in the Arab World**

Credits 3.3 Lecture Hours.

Introduces the concept of political elite and linking it to the authoritarian state in the Arab world in an attempt to explain the lack of democracy in that part of the world.

**INTA 612/PSAA 668 U.S. Law and Homeland Security**

Credits 3.3 Lecture Hours.

Explore the role of a formal Presidential National Security Strategy, gain first-hand skills and practice in how an American Embassy functions to achieve national security objectives; master's level course intended for individuals preparing for professional careers in the conduct of international affairs.

Cross Listing: PSAA 668/INTA 612.

**INTA 613 Diplomatic Negotiations: A U.S. Embassy Perspective**

Credits 3.3 Lecture Hours.

Explore the role of a formal Presidential National Security Strategy, gain first-hand skills and practice in how an American Embassy functions to achieve national security objectives; master's level course intended for individuals preparing for professional careers in the conduct of international affairs.

**INTA 615 Democratization as Foreign Policy**

Credits 3.3 Lecture Hours.

Explores concept of democracy and its "requisites", focuses on "third wave" and possible "fourth wave" of democratization, attention to cases in Eastern and Southern Europe, Latin America, Middle East; addresses in-depth international dimension of democratization; war, institutional change, aid and the promotion of democracy; assessment of relationship between democracy and peace.

**INTA 616 Economic Development in China**

Credits 3.3 Lecture Hours.

Economic development in China introducing descriptive information of development strategies, institutional changes and policy effectiveness with respect to industrialization, economic growth income distribution and welfare at different historical stages.
INTA 617 Deterrence and Coercion  
Credits 3. 3 Lecture Hours.  
Introduces deterrence and coercion as instruments of defense policy by applying them to historical and contemporary security problems.

INTA 618 Government and Homeland Security  
Credits 3. 3 Lecture Hours.  
Focus on how government is structured to combat terrorism, essentially a course in federalism, with a concentration on issues related to homeland security; topics include governmental structure and jurisdiction, political, fiscal and administrative; master's level course intended for individuals preparing for professional careers in the conduct of international affairs.

INTA 620 International Security  
Credits 3. 3 Lecture Hours.  
Evaluates frameworks for understanding international conflict and then uses these perspectives to survey security problems across several regions, including East Asia, the Middle East and South Asia.

INTA 621 Chinese Foreign Policy  
Credits 3. 3 Lecture Hours.  
Provide an overview of Chinese Foreign Policy since 1949, understand the major external and domestic determinants of Chinese foreign policy, the results of domestic politics and/or international pressures, the role of ideology in Chinese foreign policy, economic interests affecting Chinese foreign policy, and what drives China’s involvement in international affairs.

INTA 622 Chinese Strategic Thought  
Credits 3. 3 Lecture Hours.  
Intensive reading and research course in Chinese strategic thought from the Warring State period (403-221 BC) to 21st century China with two goals: to provide an introductory understanding of the nature of strategic thinking throughout Chinese history and to provide the conceptual tools to put Chinese strategic thought in a comparative perspective.

INTA 623 Grand Strategy  
Credits 3. 3 Lecture Hours.  
Addresses origins of great powers’ grand strategies, impact of international system on grand strategic options, alliance behavior of states, why and when great powers balance, impact of technology and location on strategies, and causes of great powers’ overexpansion; utilizes theoretical approaches and historical case studies to understand grand strategies.

INTA 625 International Trade Policy Analysis  
Credits 3. 3 Lecture Hours.  
Traditional and strategic trade theory and analysis are used to examine such concepts as comparative advantage, Heckscher-Ohlin-Samuelson model, gains from specialization and trade, partial equilibrium analysis of free trade, violations of the free trade model, welfare effects of trade, trade creation and diversion, and other topics. 
Prerequisites: Graduate classification; approval of instructor.

INTA 626 Balance of Payments in Theory and Policy  
Credits 3. 3 Lecture Hours.  
Basic macroeconomics of open economy, coordination of policies and exchange rate regimes; the main characteristics of the international payments system, the role of international organizations and proposals for reform; intended as a survey course with emphasis on current policy issues. 
Prerequisites: Graduate classification; approval of instructor; ECON 203 or equivalent.

INTA 627 Foundations of Strategy and Statecraft  
Credits 3. 3 Lecture Hours.  
Fundamental texts dealing with war and diplomacy from ancient Greeks through the present; authors will include Thucydides, Sun-tzu, Ibn Khaldun, Plutarch, Cicero, Augustine, Aquinas, Machiavelli, Hobbes, Bacon, Rousseau, Hume, Bentham, Grotius, Vattel, Montesquieu, Smith, Kant, The Federalists, Tocqueville, Burke, Mill, Hegel, Nietzsche, Clausewitz, Marx, Freud, Schmitt, Heidegger, and Rawls among others. 
Prerequisites: Graduate classification and approval of instructor.

INTA 629 Multinational Enterprises  
Credits 3. 3 Lecture Hours.  
Provides a broad survey of the field of international business; multinational enterprises in a variety of sectors, countries, and organizational forms; focus primarily on the past 20 years, but the historical development of MNEs also examined. 
Prerequisites: Graduate classification; approval of instructor.

INTA 630 International Economic Development  
Credits 3. 3 Lecture Hours.  
Economic dimensions of international development issues in the context of the major problems facing development planners such as poverty, inequality, population growth, environmental impact, the urban-rural interface, subsistence, agriculture, gender concerns, low rates of human capital formation, and globalization.

INTA 631 U.S. Military Power  
Credits 3. 3 Lecture Hours.  
Introduces U.S. general purpose forces; examine issues at the intersection of military strategy and operations, including force planning and future operational environment; relies on relevant historical examples including recent conventional and unconventional military campaigns.

INTA 632 Advanced Economic Development  
Credits 3. 3 Lecture Hours.  
Research methods which are commonly used in evaluating the effectiveness of international development programs; overview of issues salient to the poor in developing countries around the world; education, health, credit constraints, gender inequality, migration and corruption. 
Prerequisite: BUSH 635 or equivalent econometrics course.

INTA 633 Credits 3. 3 Lecture Hours.  
Political Consequences of Development. The political issues concerning consequences of development; does development foster transition to democracy or allow the elites to consolidate their power; does economic development shape the degree of cleavages in society; conditions under which political and economic institutions reinforce, complement, or subvert on another.

INTA 634 Politics and Development Policies  
Credits 3. 3 Lecture Hours.  
Examines why some development policies succeed and others fail; the political processes behind these policies in developing countries, particularly those countries with weak political institutions; understanding the political aspects of decision-making and implementation to improve policy design and sustainability. 
Prerequisite: BUSH 631.

INTA 635 Great Famine, War and Humanitarian Assistance  
Credits 3. 3 Lecture Hours.  
Exploration of famines, their various definitions, theories of their causes and consequences; how those affected by them cope with the stages through which famines pass and means by which they may be predicted, measured and assessed.
INTA 636 International Development in Theory and Practice
Credits 3. 3 Lecture Hours.
Reviews various definitions of development and the theories which explain why some countries develop and other do not; examination of current controversies and factors that lead to economic growth; the role good governance and democratic institutions play; the cultural values of a society; social services play in government.
Prerequisite: Graduate classification.

INTA 637 Field Research Methods
Credits 3. 3 Lecture Hours.
Overview of major field research methods including field experiments, behavioral games and household surveys.
Prerequisite: Graduate classification.

INTA 638 Political Economy of Development in Africa
Credits 3. 3 Lecture Hours.
Examination of how political forces shape economic outcomes and how political institutions develop and respond to socio-economic realities utilizing a political economy lens.

INTA 639 Homeland Security and Emergency Management
Credits 3. 3 Lecture Hours.
Examines the evolution of emergency management; survey the multiple disciplines involved in the disaster process and examine future directions for this field.

INTA 640 The Politics and Practice of the Democracy Promotion
Credits 3. 3 Lecture Hours.
Examination of the contemporary challenges of promoting democracy worldwide; explores existing theoretical and empirical literature in democracy promotion as a topic within international relations and comparative politics.

INTA 642 Institutions and Development
Credits 3. 3 Lecture Hours.
An institutional perspective to examine how politics structures development possibilities from the policymaker and citizen perspectives.

INTA 645 Women and Nations
Credits 3. 3 Lecture Hours.
Examination of the role of women in shaping of international affairs and how international affairs shape the lives of women; implications of theories concerning international relations drawn from a masculine perspective; what the result of that imbalanced perspective might be; survey a wide variety of issue areas where the generalized invisibility of women and their concerns has had a significant impact.

INTA 646 Foreign Policy Analysis
Credits 3. 3 Lecture Hours.
Examination of the actor-specific theory of international relations through a focus on foreign policy decision-making; interpretation of foreign policy making from multiple perspectives (e.g., individual, governmental, cultural identify) in order to enhance understanding of why certain policies emerge and prevail.

INTA 647 State Building and State Failure in the Developing World
Credits 3. 3 Lecture Hours.
Focuses on state-building sometimes called nation-building in the developing world; issues of state weakness, state failure and international responses to security concerns associated with weak and failing states; studies the origins of the modern state; examines why states fail or remain weak; surveys ongoing debates on role of international community.

INTA 648 Contemporary Civil Wars
Credits 3. 3 Lecture Hours.
Surveys major debates and competing theories on the causes, conduct, resolution and outcome of civil wars; causes of civil wars; participants and how they organize violence; how states respond and to what effect; considers how civil wars end and the domestic and international repercussions.

INTA 650 National Security Law
Credits 3. 3 Lecture Hours.
An introduction to the nature and sources of national security law including such topics as the framework of separate branches of law with shared national security powers, maintaining national security abroad, terrorism and other national security threats, and protecting national security information.
Prerequisite: Graduate classification.

INTA 651 National Security Policy
Credits 3. 3 Lecture Hours.
A graduate-level seminar on national security policy that will provide a forum for developing an understanding of key concepts, players, institutions, intergovernmental processes, and contemporary issues in the national security policy domain.
Prerequisite: Graduate classification.

INTA 652 The Role of Intelligence in Security Affairs
Credits 3. 3 Lecture Hours.
A survey of U.S. Intelligence operations, techniques, objectives and resources, with particular emphasis on how intelligence has contributed and continues to contribute to U.S. national security.
Prerequisite: Graduate classification.

INTA 653 Technical Collections Systems for International Security
Credits 3. 3 Lecture Hours.
An introduction to the technical aspects of remote sensing and signals technology applied to international security issues and an introduction to interpretation of the acquired information. Featured outside speakers from U.S. government agencies explain the operation of technical collection systems and their contribution to national and international security.
Prerequisites: Graduate classification; approval of instructor.

INTA 654 Military Strategy in the Conduct of Nations
Credits 3. 3 Lecture Hours.
Overview of strategic thought and national security policy; focuses on both the works of prominent military theorists, the historical context, and the significance for current international strategic affairs.
Prerequisite: Admission to MPIA or approval of instructor.

INTA 655 Nationalism, Immigration and Terrorism in the European Union
Credits 3. 3 Lecture Hours.
Familiarization with the important trends in European politics and security; investigation of the rise of nationalism and extremist groups in the European Union; the newest immigration trends, their impact on the EU member states and on the EU as a whole; terrorism and other forms of political violence in the European Union and the strategies developed to counter them; relationships between extremist groups in Europe and the U.S.
Prerequisite: Graduate classification.
INTA 657 Terrorism in Today's World
Credits 3. 3 Lecture Hours.
Terrorism in Today's World. Comprehensive survey of international terrorism from its origins to the present; emphasis on how the U.S. government has responded and how it has organized to counter the threat; all major terrorist groups studied; understanding of the nature of the terrorist threat and the implications for the U.S. Government.
Prerequisite: BUSH or INTA G6 or G7 classification of approval of instructor.
Cross Listing: PSAA 657/INTA 657.

INTA 658 Congress and International Security
Credits 3. 3 Lecture Hours.
Develop knowledge of Congress, gain a deeper understanding of the key concepts, players institutions, intergovernmental processes, and contemporary issues in the topic area of Congress and international and national security policy.

INTA 659 Transnational Security Issues
Credits 3. 3 Lecture Hours.
Understand the composition, role, mission of offices, departments that comprise Intelligence Community; obtain appreciation for transnational security issues; address potential impact short/long term to U.S. national security policies and/or programs that may affect those transnational security issues by the year 2020.

INTA 661 NATO from Military Alliance to Collective Security
Credits 3. 3 Lecture Hours.
Comprehensive overview of the central issues concerning the transformation of NATO from a defense security alliance into a collective security organization.

INTA 662 Intelligence Threats to National Security in the Modern Era
Credits 3. 3 Lecture Hours.
Threats presented by the intelligence and security services of Russia, China, and Iran; discussion of the culture, mission, structure, and recent foreign intelligence threat activity both in the domestic and international arena.

INTA 663/MGMT 663 International Transfer Pricing
Credits 3. 3 Lecture Hours.
Valuation of cross-border transactions between units of a multinational enterprise; includes internal and external motivations for transfer pricing, managerial and economic approaches, estimates of transfer manipulation, arm's length standard; U.S. and OECD rules and procedures, tax court cases, and ethical dilemmas.
Cross Listing: MGMT 663/INTA 663.

INTA 664 The Middle East State System
Credits 3. 3 Lecture Hours.
Key challenges facing post-war societies; how recovery and development programs work; includes conflict, humanitarian intervention and development.

INTA 667 International Crisis Management: The Policy Process
Credits 3. 3 Lecture Hours.
Examination of the policymaking process used by U.S. government officials in response to rapidly moving international crisis situations; simulations of executive meetings, briefings and press conferences; analysis of political, diplomatic, legal and ethical issues involved.
Prerequisite: Graduate classification.

INTA 668 The Politics and History of the Arab Spring
Credits 3. 3 Lecture Hours.
Explores and examines socioeconomic, geopolitical, and cultural factors behind uprising in the region.

INTA 669/NUEN 669 Nuclear Terrorism Threat Assessment and Analysis
Credits 3. 3 Lecture Hours.
Study the manner in which we conduct threat assessments and the analysis of non-state actors in the fields of nuclear and radiological security; examine the history of threats and security issues in an effort to better understand terrorist groupings, their motivations and attack methodologies.
Prerequisite: Graduate classification.
Cross Listing: NUEN 669/INTA 669.

INTA 670 International Affairs Capstone Seminar
Credits 3. 3 Lecture Hours.
Capstone team exercise in subject related to international affairs. For MPIA majors only.
Prerequisites: For MPIA majors only, graduate classification and approval of MPIA director.

INTA 671 The Political Economy of the Middle East
Credits 3. 3 Lecture Hours.
Surveys the main themes in political economy of the modern Middle East and North Africa (MENA); examination of the economic structures, institutions and policy challenges to countries in the region.
Prerequisite: Graduate classification.

INTA 672 East Asian Security
Credits 3. 3 Lecture Hours.
Examination of international military, diplomatic and political dynamics in the Asia Pacific region; focus on contemporary security relations; examines a wide range of security challenges facing the region; familiarization with the strategic preferences of key actors in the major areas of potential conflict.

INTA 673 Chinese Domestic Politics in Transition
Credits 3. 3 Lecture Hours.
Examination of the origins and development of contemporary political system in China; the history and foundational experiences of the Chinese Communist Party; revolutionary and reformist leaderships and its trace from the origins, functioning, and evolution of contemporary China's political institutions; current and future domestic challenges facing China from a public policy perspective.

INTA 674 U.S. Foreign Policy in the Persian Gulf
Credits 3. 3 Lecture Hours.
Examination of U.S. policy in the Persian Gulf against background of oil politics, the Cold War, rise of Islamism, and multiple major wars; compares and contrasts recent U.S. administrations in terms of approaches used to advance U.S. interests and deal with various challenges in the Persian Gulf.

INTA 675 Religion and Politics in Iran
Credits 3. 3 Lecture Hours.
Examination of political and social dynamics of contemporary Iran including Iran's modern history; roots of the Islamic Revolutions; establishment of Iran's Islamic theocracy, Iran-Iraq war and its major consequences; the emergence of new generation of religious intellectuals; rise and decline of various political movements.

INTA 676 International Politics of the Middle East
Credits 3. 3 Lecture Hours.
Focus on critical issues including Great Power involvement in the region, and the regional and international effects of Arab nationalism, Zionism, Islamism, post-Islamism, oil and aid rents, ethnicity, religious minorities, gender and human rights.
INTA 677 Islam in International Politics
Credits 3. 3 Lecture Hours.
Investigate how Political Islam developed in the first half of the century and why it gained so much support. Examine the various strategies state elites have taken toward political Islam and will consider the regional and transnational manifestations and implications of Islamist movements; intended for individuals preparing for professional careers in the conduct of international affairs.

INTA 678 Interstate War: Theory and History Implications for the 21st Century
Credits 3. 3 Lecture Hours.
Comprehensive look at the central organizing principles for international security and the nature and role of war in contemporary relations among state and the evolving challenges.

INTA 680 Political Violence and Terrorism within the International System
Credits 3. 3 Lecture Hours.
Focuses on terrorism as special case of political violence and on non-state actors as a specific category of players toward which the international system must adapt; develops underlying concepts of terrorism and core response strategies to terrorism; develops both national and international responses to terrorism, emphasizing need for complementary policy approaches.

INTA 682 Law of War
Credits 3. 3 Lecture Hours.
Provides key concepts for those who desire an expanded understanding of how and why Law of War influences U.S. Military operations and national security and foreign policy decisions today; introduction to the historical, customary development and the significant efforts of Law of War codification such as the Hague and Geneva Conventions.

INTA 684 Professional Internship
Credits 1 to 6. 1 to 6 Other Hours.
Directed internship in a public or private organization to provide on-the-job training with professionals in organizational settings appropriate to the student's professional objectives.
Prerequisites: Graduate classification and approval of MPSA or MPIA director.

INTA 685 Directed Studies
Credits 1 to 4. 1 to 4 Other Hours.
Directed individual instruction in selected problems in government and public service.
Prerequisites: Graduate classification and approval of MPSA or MPIA director.

INTA 686 Russia and International Politics
Credits 3. 3 Lecture Hours.
Examines changes within Russia and its role in international politics since 1991, emphasizing the period of Vladimir Putin's presidency, explores Putin's approach to political, economic and social challenges facing Russia, as well as the war in Chechnya and terrorism within Russia, also examines Russia's critical relationship with the United States.

INTA 689 Special Topics in...
Credits 1 to 4. 1 to 4 Lecture Hours. 0 to 4 Lab Hours.
Selected topics in an identified area of government and public service. May be repeated for credit.
Prerequisites: Graduate classification and approval of MPSA or MPIA director.

INTA 691 Research
Credits 1 to 23. 1 to 23 Other Hours.
Research for thesis or dissertation.