Curriculum Vitae

(updated August 2024)

ADAM J. SARTY, Ph.D., P

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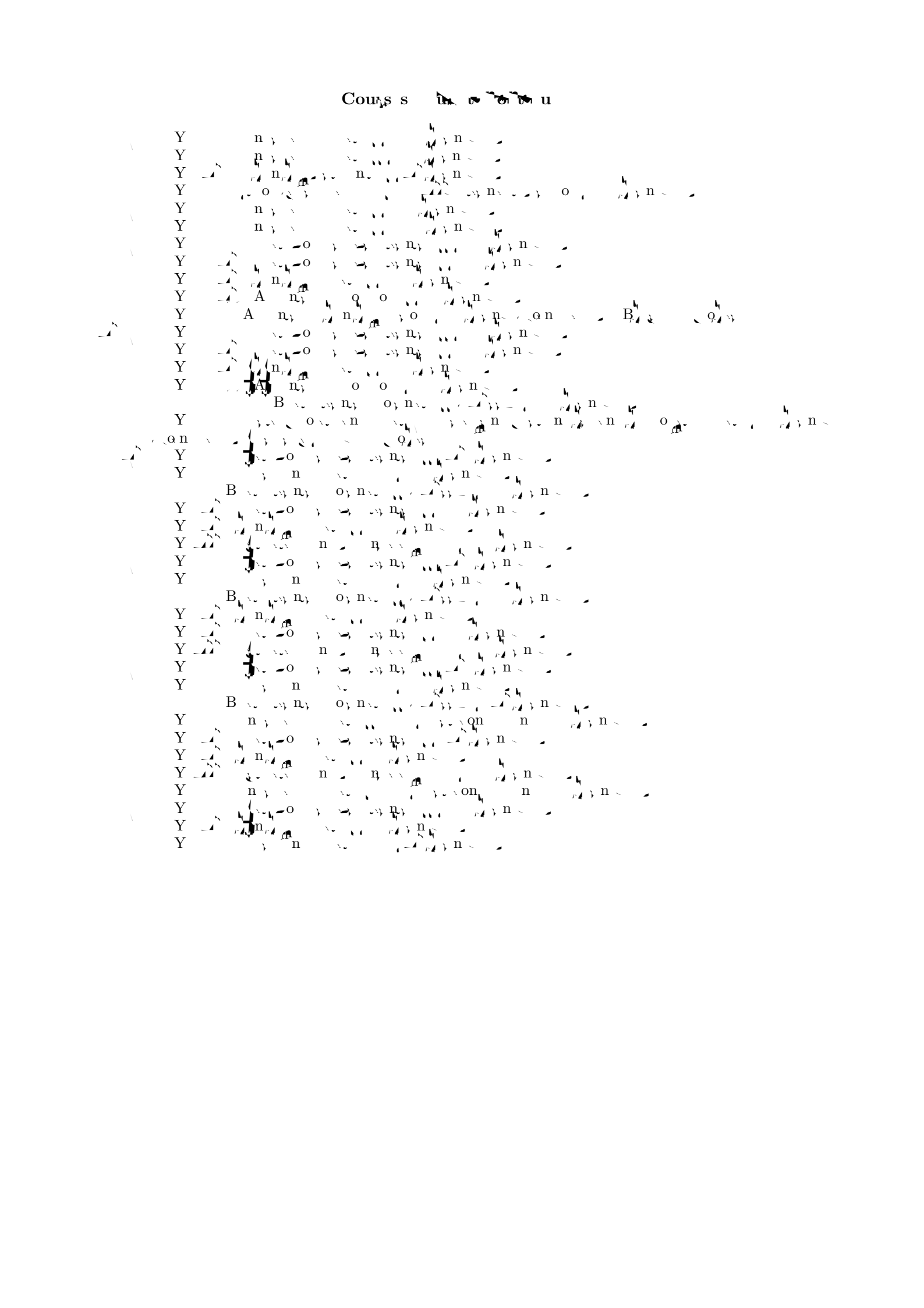

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1 1 u s s E **(Organizer, Event Chair)**

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Dispersive corrections in elastic electron-nucleus scattering: an investigation in the intermediate energy regime and their impact on the nuclear matter

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Signatures of the d^* Hexaquark in d p n

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Measurement of the beam-helicity asymmetry in photoproduction of π^0 pairs on carbon, aluminum, and lead

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Exclusive π^+ electroproduction o the proton from low to high $-t$

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Cross section for $n \to \pi^0 n$ measured at the Mainz A2 experiment

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The double spin asymmetry of nitrogen in elastic and quasielastic kinematics from a solid ammonia dynamically polarized target

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Experimental study of the $p \to K^0 \pi^+$, $n \to K^0 \pi^-$, and $n \to K^0 \pi^0$ reactions at the Mainz Microtron

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Unique Access to u-Channel Physics: Exclusive Backward-Angle Omega Meson Electroproduction

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High-resolution hypernuclear spectroscopy at Je erson Lab, Hall A

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The proton elastic form factor ratio $\mu_p G_E^p / G_M^p$ at low momentum transfer

High Resolution Spectroscopy of $^{12}_{\Lambda}B$ by Electroproduction

Search for Θ^0_5, N^0_5, and $^{++}$ pentaquark states

Recoil polarization measurements for neutral pion electroproduction at ^{2} = 1 GeV/c^2 near the resonance

Measurements of the Generalized Electric and Magnetic Polarizabilities of the Proton at Low ^{2} Using the Virtual-Compton-Scattering Reaction

Determination of the Pion Charge Form Factor at ^{2} = 1.60 and 2.45 GeV/c^2

Design Study of Novel Light Guide Geometry for Scintillation Counters

Recoil Polarization for Excitation in Pion Electroproduction

Proton elastic form factor ratios to ^{2} = 3.5 GeV^2 by polarization transfer

Precision Rosenbluth Measurement of the Proton Elastic Form Factors

Measurements of the Deuteron Elastic Structure Function A ^{2} for ^{2} Ge Pc^{2} at Je erson Laboratory

Induced photon polarization for ^{0} Electroproduction at ^{2} = 0.126 Ge $^{2}Pc^{2}$ around the (1232) Resonance

Measurement of the Interference Structure Function $_{LT}$ for the ^{12}C e $e'p$ Reaction in the Quasielastic Region

Nuclear Dependence of the Coherent Photoproduction Reaction in a Relativistic Approach

Detector Development for the SBS High ^{2} Proton Form Factor Experiment at JLab: AN ENHANCED COORDINATE DETECTOR

Transition Form-Factors from Pion ElectroProduction: Recoil Polarization Techniques

New Polarization Measurements in Deuteron Photodisintegration in the 275-360 MeV Energy Range

Upcoming Proton Form Factor Ratio Measurements at Extreme Momentum Transfers: from 0.015 to 15.0 Ge^2

From Code-Writer to Model-Builder to Error-Finder: A Reflection on the Many Contributions of Jim Kelly to Nuclear Physics

New Polarization Measurements in Low-Energy Deuteron Photodisintegration

Recoil Polarization Observables

Polarization Observables

Shedding New Light on the Nucleus using Electron Scattering

Probing the Nucleon and the Nucleus through π-meson Production

Saint Mary's University: A Developing Partnership

Atlantic Association of Universities Teaching Award Winners Retreat 2010

Student Engagement: Creative Intersections – Part I: Technology Up Front

Annual Meeting of the Atlantic University Presidents - AAU Teaching Award Winner Dinner

"The Importance of Good Teaching - and the Conflict it Reveals"

MSVU Faculty Day Workshop - "From Pencils to Pixels and everything in between: Re-thinking our tool use for Teaching"

Saint Mary's University CAID Workshop - "Rules of Engagement: Whose Rules? Who's Engaged?

1 **Physics Education Across the Continuum: Opening Doors at All Levels**

Measuring the E□ectiveness of Clickers in a Physics Lecture

1 **A Modern Physicist's View of Reality: Space, Time, and the Probabilistic Universe**

1 **Using Wireless Responders during Lectures: A Study and a Theory to assess Impact and Appropriate Use**

1 **Wireless Responders: Measuring the Impact on Students' Impressions... and Learning**

1 **Clickers at SMU: Experiences, Logistics, and Research**

Clickers: Pedagogy and Technology