

3RD INTERNATIONAL SYMPOSIUM OF

CRITICAL CARE IN CANCER PATIENTS

MANAGING PATIENTS WITH PACEMAKERS AND DEFIBRILLATORS AND POINT OF CARE ULTRASOUND WORKSHOPS

April 30, 2020

T. Boone Pickens Academic Tower
1400 Pressler Street, Houston, TX 77030
FCT3. Rooms 1,2,7,8

CRITICAL CARE IN ADULT CANCER PATIENTS

May 1 - May 2, 2020

The University of Texas MD Anderson Cancer Center
Robert C. Hickey Auditorium
R. Lee Clark Clinic, Floor 11
1515 Holcombe Blvd.
Houston, Texas



KEYNOTE SPEAKER:

**2018 NOBEL LAUREATE IN
PHYSIOLOGY OR MEDICINE**

James Allison, PhD

Chair
Immunology
The University of Texas
MD Anderson Cancer Center

THE UNIVERSITY OF TEXAS
**MD Anderson
Cancer Center**

Making Cancer History®



3RD INTERNATIONAL SYMPOSIUM OF

CRITICAL CARE IN CANCER PATIENTS

FOCUS

The incidence of oncologic diseases has risen in recent years. This is associated with an increase in the number of patients with cancer that can be found in Intensive Care Units. Critically ill oncologic patients have several therapeutic challenges due to their nutritional and immunologic baseline, risk of infectious diseases, and cancer-treatment toxicities. For this reason, it is essential to reduce the knowledge gaps, and provide critical care staff with updated educational resources to improve patient outcomes. This symposium addresses the complex scenarios that could be found in the intensive care units and allows the attendees to have direct contact and learn from oncologic critical care experts.

EDUCATIONAL OBJECTIVES

After attending the Symposium, participants should be able to:

- Identify and address existing knowledge gaps in oncologic critical care (*Knowledge*);
- Assess and utilize the available resources to improve clinical management of critically ill cancer patients (*Knowledge, Competence*);
- Identify core research interest areas to collaborate (*Knowledge*);
- Improve bedside technical skills from the workshop seminar (*Knowledge, Competence, Performance, Patient Outcomes*)

EDUCATIONAL METHODS

Lecture/Didactic – Case Study – Skills Based Training – Panel Discussion – Question and Answer Sessions – Poster Session – Interactive groups/breakouts – Pre-/Post-test – Simulation – Hands on Workshop

TARGET AUDIENCE

This conference should be of value to Physicians, Advanced Practice Providers, Nurses, and Respiratory Therapists.

EVALUATION

A course evaluation survey will provide participants with the opportunity to comment on the value of the program content to their practice decisions, performance improvement activities, or possible impact on patient health status. Participants will also have the opportunity to comment on any perceived commercial bias

in the presentations as well as to identify future educational topics

ACCREDITATION/ CREDIT DESIGNATION

Physicians

The University of Texas MD Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Texas MD Anderson Cancer Center designates this live activity for a maximum 20.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This course has been certified as a Level 2 course according to the AMA Guidelines on New Procedures and Skills Courses. Level 2 Course: Verification of satisfactory completion of course objectives: the physician satisfactorily met all specified learning objectives.

ETHICS

The sessions marked with “*” have been designated by The University of Texas MD Anderson Cancer Center for 1.50 *AMA PRA Category 1 Credits™* in medical ethics and/or professional responsibility.

CONTINUING EDUCATION FOR RESPIRATORY THERAPISTS (CERT)

This activity hopes to offer up to 8 hrs of CEs for Respiratory Therapists.

CME CERTIFICATES AND ATTENDANCE VERIFICATION CERTIFICATES

Certificates awarding *AMA PRA Category 1 Credit™* or certificates documenting attendance will be emailed when an individual completes the online CME Verification process after the conference.

CALL FOR ABSTRACTS



Deadline for Abstract Submission is
Wednesday, April 1, 2020.

The 3rd Oncologic Critical Care Research Network Symposium invites the submission of abstracts regarding clinical care or best practices in a critical care setting.

Authors may submit abstracts of completed work, work in progress, or work elsewhere within the past 12 months.

ABSTRACT SUBMISSION INSTRUCTIONS

Abstracts will only be accepted electronically and should be uploaded to:

criticalcare2020@mdanderson.org

The deadline for receipt of abstracts is 11:59 PM CST on April 1, 2020. Notification of acceptance for poster presentations will be acknowledged by e-mail by April 10, 2020.

ABSTRACT FORMATTING INSTRUCTIONS

Limit abstracts to one page, type in 12-point Times New Roman font, single spaced with one-inch margins, and left justified. Organize the abstract into: Background, Methods, Results, and Conclusions. Define all abbreviations. Include the abstract title, full names, and institutional affiliations of all authors, and e-mail address of the corresponding author at the top of the abstract. Underline the name of the presenting author. Abstracts must not contain copyrighted material unless permission has been obtained by the author/publisher.

CONFERENCE PRESENTATIONS

MD Anderson Cancer Center is going green to save paper and the environment. Hard copies of the presentations will not be available onsite. Presentations will be available online, in PDF format, after the conference.

SYMPOSIUM CHAIRS

Joseph L. Nates, MD, MBA

Professor

Critical Care and Respiratory Care

Kristen J. Price, MD, FCCP

Chair

Critical Care and Respiratory Care

PLANNING COMMITTEE

Daniel L. Arellano, PhD, MSN, RN

President

SCCM Texas Chapter

Advanced Practice Registered Nurse

Critical Care and Respiratory Care

Allison Baring, CMP

CME Conference Planner

CME/Conference Management

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Nancy Diaz

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Critical Care and Respiratory Care

Catherine R. Urso, BS

Research Assistant I

Anesthesiology, Critical Care & Pain -

Research Support

Diego H. de Villalobos, MD

Associate Professor

Critical Care & Respiratory Care

MANAGING PATIENTS WITH PACEMAKERS AND DEFIBRILLATORS WORKSHOP AND POINT OF CARE ULTRASOUND WORKSHOP



THURSDAY, APRIL 30, 2020

Maximum Attendance: 30

The University of Texas MD Anderson Cancer Center
T. Boone Pickens Academic Tower
1400 Pressler Street
Houston, TX 77030
FCT3. Rooms 1,2,7,8

7:00 am Registration and Continental Breakfast

MANAGING PATIENTS WITH CIED/CRMD (PACEMAKERS AND DEFIBRILLATORS) IN THE OPERATING ROOM, INTENSIVE CARE UNIT AND EMERGENCY ROOM

8:00 am – Noon

Learning Objectives:

- Discuss the perioperative management of pacemakers during elective and emergency surgeries, as well as ethics and End-of-Life considerations in patients with CIED;
- Describe the design, functioning, and programming of implantable pacemakers and ICDs;
- Identify sources of electromagnetic interference (EMI) causing pacemaker malfunction;
- Explain examples of pacemaker related rhythm abnormalities in the perioperative period; and
- Appraise the role of magnets in the management of pacemakers and ICDs.

POINT OF CARE ULTRASOUND AND HEMODYNAMIC MONITORING WORKSHOP

1:00 pm – 4:00 pm

Learning Objectives:

- Describe basic assessment of cardiac ventricular function;
- Describe basic understanding and usage of ultrasound for evaluation of lung pathologies;
- Demonstrate Point of Care Ultrasound techniques;
- Learn to use ultrasound for vascular access;
- Practice on simulator and live models for cardiovascular imaging; and
- Understand the role of minimally invasive hemodynamic monitoring in goal directed fluid therapy and hemodynamic optimization.

A pre-and post-assessment will be performed to assess the quality and overall satisfaction of the attendees.

WORKSHOP AGENDA

MANAGING PATIENTS WITH CIED/CRMD (PACEMAKERS AND DEFIBRILLATORS) IN THE OPERATING ROOM, INTENSIVE CARE UNIT AND EMERGENCY ROOM - HANDS-ON WORKSHOP

8:00 am – Noon

Program Chairs: January Tsai, MD; Shital Vachhani, MD

Presenters: Dilip Thakar, MD; January Tsai, MD; Shital Vachhani, MD; Kaveh Karimzad, MD; Darla Wagner, RN, BSN; Donelo Lopez, Jr.; Jean-Bernard Durand, MD; and Dereddi R. Reddy, MD

POINT OF CARE ULTRASOUND AND HEMODYNAMIC MONITORING WORKSHOP

1:00 pm – 4:00 pm

Program Chairs: Jagtar Singh Heir, DO; Wendell Hiebert Williams, MD

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|-------------------|---|
| 1:00 | Point of Care Ultrasound Dilip Thakar, MD |
| 1:20 | Assessment of LV Function in ICU, TTE (FATE) Saamir Hassan, MD |
| 1:40 | Assessment of RV Function in ICU, TTE (FATE) Saamir Hassan, MD |
| 2:00 | Interesting Cases / Rescue TTE in ICU Jose Banchs, MD |
| 2:20 | Live Demonstration of POCUS Dilip Thakar, MD; Dereddi R. Reddy, MD |
| 2:30 pm – 4:00 pm | Hands-On Ultrasound Workshop, POCUS & FATE FATE Raja Rama Palvadi, MD; Sandeep Markan, MD; Olakunle Idowu, MD; Robert Wegner, MD Self-Paced Workshop with Simulation (Heart Works) Manu Sethi, MBBS; Jagtar Singh Heir, DO; Tom Heintzelman, PhD Ultrasound Guided Vascular Access Wendell Hiebert Williams, MD; Shital Vachhani, MD; Teresa Moon Calderon, MD Live Models to Practice FATE John Barbee, AAS |

MD ANDERSON FACULTY

Jose Banchs, MD

*Associate Professor
Cardiology*

John Barbee, AAS

*Cardiac Ultrasound Tech
Cardiology Laboratory*

Jean-Bernard Durand, MD

*Professor
Cardiology*

Teresa Moon Calderon, MD

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Anesthesiology & Perioperative Medicine*

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WORKSHOP GUEST FACULTY

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Manu Sethi, MBBS

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Anesthesiology
Baylor College of Medicine
Houston, Texas*

Workshop Registration Information

There are only 30 spaces available for the Workshops. On-site registration will not be a guarantee. Advanced registration is highly encouraged.

3RD INTERNATIONAL SYMPOSIUM OF CRITICAL CARE IN CANCER PATIENTS

MAY 1 - MAY 2, 2020

The University of Texas MD Anderson Cancer Center
Robert C. Hickey Auditorium
R. Lee Clark Clinic, Floor 11
1515 Holcombe Blvd.
Houston, Texas

FRIDAY, MAY 01, 2020

| | |
|---------|---|
| 7:00 am | Registration and Continental Breakfast |
| 8:00 | Welcome Joseph L. Nates, MD, MBA, CMQ, MCCM; Kristen J. Price, MD, FCCP |
| 8:05 | George B. Sweeney Jr. Lecture: From Bench to Bedside James P. Allison, PhD 2018 Nobel Laureate in Medicine or Physiology |

SESSION I

Moderator: Kristen J. Price, MD, FCCP

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| 8:40 | Renal Immune Related Adverse Events Due to Check Point Inhibitor Ala Abudayyeh, MD |
| 9:00 | Updates in Management of Immune Effector Cell Therapy Anne Rain Tanner Brown, PharmD |
| 9:20 | Neurological Complications of New Cancer Therapies Cristina Gutierrez, MD |
| 9:40 | Q & A Session |
| 10:00 | Break/Poster Viewing |

SESSION II

Moderator: Derreddi Raja Reddy, MD

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| 10:30 | Cancer and Sepsis Craig M. Coopersmith, MD |
| 10:50 | Vitamin C/Steroids/Thiamine for Sepsis Craig M. Coopersmith, MD |

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| 11:10 | Cardiovascular Determinants of Resuscitation From Sepsis and Septic Shock Michael Pinsky, MD, CM, DRHC, FCCP, MCCM |
| 11:20 | The Challenges of Publishing Critical Care Research in Mainstream Journals: An Editor's Perspective Timothy G. Buchman, PhD, MD |
| 11:50 | Q & A Session |
| 12:00 pm | Lunch (provided) |

SESSION III

Moderator: Nisha Rath, MD

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| 1:00 | Management of Pulmonary Hemorrhage Emergencies Roberto F. Casal, MD |
| 1:20 | Immunotherapy Induced Pneumonitis, VAPI, and other New Pulmonary Illnesses Vickie Shannon, MD |
| 1:40 | Should Oxygen Therapy Be Tightly Regulated to Minimize Hyperoxia in Critically Ill Patients? Richard Branson, MSc, RRT |
| 2:00 | Updates in the Management of Neutropenic Septic Shock Kenneth V. Rolston, MD |
| 2:20 | Q & A Session |
| 2:30 | Break/Poster Viewing |

SESSION IV

Moderator: Karen Chen, MD

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| 3:00 | Machine Learning and Applications in Critical Care Medicine Michael Pinsky, MD, CM, DRHC, FCCP, MCCM |
| 3:20 | Transfusion in the Cancer Patient James M. Kelley, MD |
| 3:40 | Precision Medicine for Critical Illness and Injury Timothy G. Buchman, PhD, MD |
| 4:00 | Thrombocytopenia Implications in the Management of the Critically Ill Patient Silvio A. Namendys-Silva, MD |
| 4:20 | Biomarkers in Cancer Patients with Sepsis Ray Y. Hachem, MD |
| 4:40 | Q & A Session |

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| 5:00 | Poster Winners Announced and Adjourn |
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| 5:00 pm | Reception |
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SATURDAY, MAY 02, 2020

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| 7:00 am | Registration and Continental Breakfast |
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|------|---|
| 7:55 | Welcome Joseph L. Nates, MD, MBA, CMQ, MCCM |
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| 8:00 | George B. Sweeney Jr. Keynote Lecture: Post ICU Syndrome Lewis J. Kaplan, MD |
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SESSION V

Moderator: Joshua S. Botdorf, DO

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| 8:40 | Alleviating Pain at the EOL* Ahsan Azhar, MD |
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| 9:00 | How to Withdraw Life Support* Egbert Pravinkumar, MD |
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| 9:20 | Workforce, Workload, and Burnout Among Intensivists and Advanced Practice Providers* Stephen Pastores, MD, FACP, FCCP, FCCM |
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| 9:40 | LOTUS: Living Optimally in Times Under Stress: A Yoga Therapy Approach to Wellness for Providers* Catherine R. Urso, BS |
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| 10:00 | Q & A Session* |
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| 10:10 | Break |
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** Indicates ethics credit*

SESSION VI

Moderator: Robert C. Wegner, MD

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| 10:40 | Are Ventilator Associated Events Preventable? J. Brady Scott, PhD(c), RRT, RRT-ACCS, AE-C, FAARC, FCCP |
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| 11:00 | Pro/Con Discussion: Can HFOT Replace Non-Invasive Ventilation? <ul style="list-style-type: none">• Pro: David Vines, PhD, RRT, FAARC, FCCP• Con: J. Brady Scott, PhD(c), RRT, RRT-ACCS, AE-C, FAARC, FCCP |
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| 11:30 | Early Fluids or Vasopressors in Septic Shock? Stephen Pastores, MD, FACP, FCCP, FCCM |
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| 11:50 | Update in Candidemia in the ICU with the Appearance of Candida Auris in the USA and Strategic Therapeutic Approach Issam Raad, MD |
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| 12:00 pm | Q & A Session |
| 12:10 | Lunch (provided) / ONCCC-R-NET Executive Meeting |

SESSION VII

Moderator: Sajid Haque, MD

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| 1:30 | THE IOs HAVE IT: A Prospective Observational Study of Vascular Access Success Rates in Patients in Extremis Using Video Review Lewis J. Kaplan, MD |
| 1:50 | Prone in Respiratory Failure: How To & Results Silvio A. Namendys-Silva, MD |
| 2:10 | Hemodynamic in Adult Acute Care David Vines, PhD, RRT, FAARC, FCCP |
| 2:40 | Airway Pressure Release Ventilation: A Step Forward? Richard Branson, MSc, RRT |
| 3:00 | Q&A Session |
| 3:10 | Break |

SESSION VIII

Moderator: Nirmala Manjappachar, MBBS

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| 3:20 | The Transportation of the Critically Ill Inpatient & Outpatient Gregory Botz, MD |
| 3:40 | Challenging Cases in an Oncologic ICU Dereddi R. Reddy, MD |
| 4:00 | Perioperative Management of the Cancer Patient Joshua S. Botdorf, DO |
| 4:10 | Q&A Session |
| 4:30 pm | Adjourn |

The University of Texas MD Anderson Cancer Center has implemented a process whereby everyone who is in a position to control the content of an educational activity must disclose all relevant financial relationships with any commercial interest that could potentially affect the information presented. MD Anderson also requires that all faculty disclose any unlabeled use or investigational use (not yet approved for any purpose) of pharmaceutical and medical device products. Specific disclosure will be made to the participants prior to the educational activity.

Agendas are subject to change because we are always striving to improve the quality of your educational experience. MD Anderson may substitute faculty with comparable expertise on rare occasions necessitated by illness, schedule conflicts, and so forth.

Photographing, audio taping and videotaping are prohibited.

MD ANDERSON FACULTY

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*Chair
Immunology*

Ahsan Azhar, MD

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Vice-Chair of Education
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David Vines, PhD, RRT, FAARC, FCCP

*Chairperson
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College of Health Sciences
Program Director
Respiratory Care
Rush University
Chicago, Illinois*

REGISTRATION INFORMATION

The deadline for advanced registration for all programs is **Friday, April 17, 2020**.

There are three ways to register:

1. On-line at www.mdanderson.org/conferences
2. Fax to: 713-794-1724
3. Mail to: CME/Conference Management
Unit 1781
The University of Texas
MD Anderson Cancer Center
P.O. Box 301407
Houston, TX 77230-1407

We accept the following forms of payment:

- Check (payable through U.S. banks only)
- Money Order
- Credit Cards (MasterCard, VISA, and American Express)
- Cash (on-site registration only)

A receipt and confirmation letter will be sent to you within ten working days of receipt of your fee. The conference registration fee includes tuition, final symposium agenda, continental breakfasts, breaks, and lunch. Please refer to the registration form for specific information regarding fees.

REFUND/CANCELLATION POLICY

The registration fee, minus a \$50 administrative handling fee, is refundable if a written request is received on or before Friday, April 17, 2020. No refunds will be granted after that date. The request for a registration refund must include the tax identification number of the company or institution if registration was paid by a company or institution check.

CME/Conference Management reserves the right to cancel activities prior to the scheduled date, if low enrollment or other circumstances make it necessary. Each registrant will be notified by mail, e-mail, or the contact numbers as given on the registration form. In case of activity cancellation, liability of CME/Conference Management is limited to the registration fee. CME/Conference Management will refund the full registration fee.

CME/Conference Management reserves the right to limit the number of participants in a program and is not responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

For additional information, please contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866.

SPECIAL ASSISTANCE

Contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866 if you have any special dietary or ADA accommodation needs.

ACCOMMODATIONS

- A block of rooms has been reserved for conference attendees at the **Westin Houston Medical Center** located at 1709 Dryden Road, Houston, Texas 77030.
- Early hotel reservation is suggested and the room block cutoff date is March 29, 2020. You can make a reservation online at: <https://bit.ly/2tHbXUf> (case sensitive)
- The hotel phone number is 713.730.2404
- When you make reservations, be sure to mention the group name: **2020 International Critical Care** room block name to be assured of receiving the special meeting rate of \$179/night for a standard guest room. Please add 17% Texas state and local taxes.

GROUND TRANSPORTATION

(prices are subject to change and variable depending on location of conference)

- Houston is served by two airports, George Bush Intercontinental (IAH) and William P. Hobby (HOU).
- Taxicabs are available at an estimated cost of \$50-60, to or from William P. Hobby Airport or George Bush Intercontinental Airport.
- Uber or Lyft

Please let us know what specific topics, issues or questions you wish to see addressed or emphasized in this activity. Fax or e-mail CME/Conference Management. All responses will be forwarded to the Program Chairs for consideration.

CONFERENCE REGISTRATION- 176700/30/122273/41

3RD INTERNATIONAL SYMPOSIUM OF CRITICAL CARE IN CANCER PATIENTS – April 30-May 2, 2020

REGISTRATION FEES

Postmarked before April 17, 2020

- ☐ Physicians.....\$500
☐ NPs/PAs/Respiratory Therapists.....\$200
☐ Trainees/Fellows/Residents.....\$150

Postmarked after April 17, 2020

- ☐ Physicians.....\$600
☐ NPs/PAs/Respiratory Therapists.....\$250
☐ Trainees/Fellows/Residents.....\$200

Onsite Registration Fees

- ☐ Physicians.....\$650
☐ NPs/PAs/Respiratory Therapists.....\$300
☐ Trainees/Fellows/Residents.....\$250

International Physicians

.....\$200

International NPs/PAs/Respiratory Therapists

.....\$100

International Trainees/Fellows/Residents

.....\$50

Will you be attending the Workshops on April 30?

- ☐ Yes ☐ No (30 spaces available — first come, first serve)

| | | | |
|--|------------|--|----------------|
| Last Name | First | MI | Highest Degree |
| Department (include unit no.) | | Specialty | |
| Institution | | | |
| MD Anderson Employee ID No. (required for all MDACC employees): | | Physician <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Street | | | |
| City | | State/Foreign Country/Zip or Mail Code | |
| Daytime Phone (with area code) | | Cell Phone (with area code) | |
| E-mail Address (please print) | | Fax (with area code) | |
| Emergency Contact | | Phone (with area code) | |
| Credit Card Holder Name (First/Last) | | Charge the following: <input type="checkbox"/> VISA <input type="checkbox"/> MC <input type="checkbox"/> AMEX | |
| Credit Card Number | | Expiration Date | |
| Security Code/CVV/CSV | | Credit Card Holder Billing Address & ZIP Code | |
| MD Anderson Interdepartmental Transfer (IDT) No.: *Fund Group 90 will not be accepted | | | |
| Business Unit | Department | Fund Group* | Fund Type |
| Authorized Signature REQUIRED for CREDIT CARD or IDT | | IDT Approver Name (First/Last) please print | |

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