Navigating the Biomed Pathway

Career Advancement in Healthcare Technology Management

BY: Dustin K. Telford



Today we will discuss

- Advancing Your HTM Career.
- Learning and Assessments.
- Mentors and Networks.
- Continuous and Proactive Investment.
- "Together, we unlock new doors in HTM."



HTM Career Pathways

- Titles: BMET, Imaging Service Engineers, Clinical Engineering Technicians, etc..
- Entry to Leadership: BMET & Beyond.
- "Building your HTM career foundation."



Beyond Traditional HTM Careers



- Consulting, Regulatory Affairs, R&D.
- Cross-sector opportunities: Equipment Planning, IT, Management, Education.
- "Expanding your career horizons in HTM."

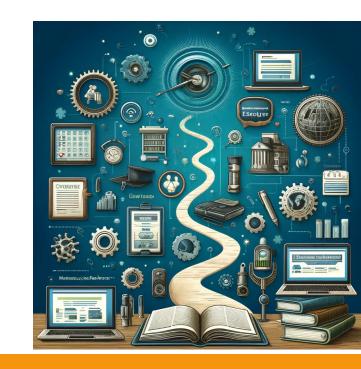
Shaping Your HTM Career Path

- In what ways can we move 'Beyond Traditional' to embrace diverse career opportunities within and adjacent to HTM?
- What skills and experiences have been most valuable in 'Building your HTM career expanding your career horizons?



Educational Resources for HTM

- Professional associations, courses, and webinars.
- Manufacturer resources for learning.
- "Fuel your career with continuous learning."



Self-Assessment for Clarity



- Personality and skills assessments.
- Performance reviews, customer and peer feedback.
- "Map your strengths to HTM opportunities."

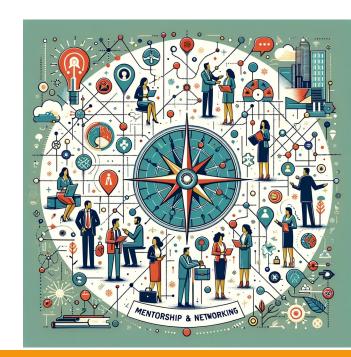
Professional and Personal Growth

- What key learnings have you applied from recent HTM educational resources to your work?
- How have self-assessment tools influenced your career decisions and growth in the HTM field?
- Share strategies that have successfully helped you map your strengths to new HTM opportunities.



Mentorship & Networking in HTM

- The value of mentorship in HTM career growth.
- Platforms for connecting with mentors and peers (e.g., LinkedIn, professional forums).
- Networking strategies for HTM professionals (e.g., attending conferences, joining professional associations).
- Utilizing social media for professional brand building and networking.
- Community engagement through HTM volunteer opportunities.



Networking & Finding Mentors



- Engage with HTM Associations like AAMI, ACCE, and your local association for both networking and structured mentorship programs.
- Your employer may (should) have mentorship opportunities
- Utilize LinkedIn and professional forums to connect with mentors, peers, and industry leaders.
- Participate in HTM conferences and webinars to stay abreast of advancements and meet potential mentors/mentees.
- Foster relationships by offering mentorship to others, sharing experiences, and contributing to HTM communities.

Networks and Mentorship

- In what ways have platforms like LinkedIn or professional forums facilitated your connections in the HTM field?
- Share a success story or a lesson learned from mentorship either as a mentor or mentee.
- Discuss strategies for staying current through HTM conferences and webinars and how you leverage these for networking.



Keeping Pace with HTM

- Regularly follow HTM journals, blogs, and newsletters for the latest trends and research.
- Engage in continuous learning through online courses and certifications focused on new HTM technologies.
- Share insights and learnings with your network to foster a culture of continuous improvement and innovation.
- Utilize social media groups and forums for real-time discussions on tech updates and career advice.



Future-Proofing Your HTM Career



- Emerging technologies shaping HTM: AI, medical device innovations, integration, computing, and networking.
- Essential skills for tomorrow: Data analytics, system integration, network security, and advanced device maintenance.
- Engage in continuous learning: Targeted training programs, certifications, and workshops to stay ahead.
- Discover what others are looking for and doing.

Envisioning Your Role in HTM's Future

- What innovations excite you most about the future of HTM?
- How are you preparing to meet the challenges and opportunities these advancements will bring?



Organizational Support and Self-Advocacy

- Understanding and navigating career advancement with organizational support.
- Identifying opportunities for growth through succession planning and mentorship within a structured environment.
- Crafting a self-directed career path in HTM:
 Upskilling, networking, and personal branding strategies.



Life-Work Balance in HTM



- Managing workload and reducing stress in high-tech healthcare environments.
- Strategies for setting boundaries and prioritizing well-being.
- The role of hobbies, exercise, and social activities in maintaining mental health.

Career Growth and Well-being

- Share strategies that have helped you identify growth opportunities within your organization or on your own.
- Discuss the challenges and successes of integrating personal well-being practices while advancing in your HTM career.



Your Path in HTM

- Embrace continuous learning and growth.
- Seek out mentorship and networking opportunities.
- Stay adaptable and open to diverse career paths.
- Engage actively within the HTM community.



(Some*) HTM Educational Resources

HTM Professional Organizations:

AAMI (Association for the Advancement of Medical Instrumentation)

ACCE (American College of Clinical Engineering)

<u>IEEE EMBS</u> (Engineering in Medicine and Biology Society)

CMBES (Canadian Medical and Biological Engineering Society)

GCEA (Global Clinical Engineering Alliance)

IFBME (International Federation for Medical and Biomedical Engineering)

WHO Medical Devices (World Health Organization)

Local and Regional HTM Associations! (Many have on-line meetings and resources)

Interralted Professional Organizations:

<u>ASHE</u> (American Society for Healthcare Engineering)

<u>CompTia</u> (Computing Technology Industry Association)

ETA (Electronics Technician Association-International)

HIMSS (Healthcare Information and Management Systems Society)

(Some more*) HTM Educational Resources

HTM Publishers (Live and pre-recorded multimedia, articles, blogs, and podcasts):

MD Publishing, 24x7, Journal of Clinical Engineering

HTM Content Creators:

Bearded Biomed

Better Biomed

BMET Course 101

Healthcare Technology Management-HTM / HTMPros

HTM On The Line

HTM Workshop

HTM Companies and Manufacturers:

ECRI Institute, Fluke Biomedical, Pronk Technologies, Rigel Medical

OEMS and ISOs! (Many have on-line training and resources)

Complementary Educational Platforms:

Coursera, edX, LinkedIn Learning, Udemy, Pluralsight, StackSkills

(Some*) Self-Assessment Resources

Myers-Briggs Type Indicator (MBTI) - Personality profiling for teamwork and communication.

DISC Assessment - Behavioral assessment for workstyle and leadership.

Working Genius - Identification of natural talents in professional settings.

StrengthsFinder (Now CliftonStrengths) - Uncovering unique professional strengths.

Emotional Intelligence (EQ) Tests - Gauging emotional skills crucial for workplace success.

<u>360-Degree Feedback Systems</u> - Comprehensive feedback from peers, subordinates, and supervisors.

CareerExplorer - Career path prediction and job matching based on personality.

Belbin Team Roles - Understanding team role suitability and work dynamics.

<u>Insights Discovery</u> - Enhancing self-understanding and the impact on work relations.

MAPP Assessment - Motivational Appraisal of Personal Potential for career motivation insights.

Enneagram Personality Test - Insight into core motivations and workplace behaviors.

Holland Code (RIASEC) Career Test - Matching interests to potential careers.

<u>Keirsey Temperament Sorter</u> - Behavioral tendencies and how they influence work performance.

MindTools - Self-assessment resources for management and leadership skills.

<u>Fingerprint for Success</u> - Measuring and developing entrepreneurial potential.