

CURRICULUM VITAE

Joe Cascone, B.Sc., MBA

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EXPERTISE:

- Development, scale up, validation, launch, and ongoing technical support of small molecule / solid oral dose products
- Management of CDMO organizations
- Technical Transfer
- Drug Delivery
- Project Management
 - Responsible for the construction of a 90-million-dollar manufacturing plant
 - Managed technical aspects of the acquisition of over \$600 million in generic assets
- Cross Contamination Mitigation / Industrial Hygiene

CAREER HISTORY:

1/20 to present

Founder, Vice President Product Development

Asterra Labs, Nashville, North Carolina

www.asterrallabs.com

- Raised capital to found a firm that manufactures, markets and sells pharmaceutical-grade health and wellness products
- Managed construction of cGMP manufacturing core in an existing pre-engineered metal building
- Successfully developed and launched immediate release, extended release, orally disintegrating tablets and other products
- Directed construction of website and, in conjunction with marketing firms, developed marketing plan and marketing materials

1/08 to 7/19

Various Leadership Roles at Mayne Pharma, formerly Metrics Inc:

1/19 to 7/19

Executive Vice President, Metrics Contract Services

Mayne Pharma, Greenville, North Carolina

www.metricscontractservices.com

- Had P&L responsibility for one of three business units operated by Mayne Pharma. Metrics Contract Services is a full service CDMO
- Managed budget, sales team, project management, pharmaceutical development, analytical development, and other support departments
- Was responsible for the growth of the division - in particular the rollout, marketing, and capacity utilization of a new 125,000 square foot pharmaceutical manufacturing facility

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- 7/17 to 12/18 **Vice President, Manufacturing Science and Technology**
Mayne Pharma, Raleigh, North Carolina
- After the acquisition of \$600 million in generic assets, coordinated product launches, technical transfers, and ongoing technical support across a network of international CDMO's
 - Managed the staff of scientists and project managers responsible for individual projects
 - Conducted site visits to enable inter-company collaboration and ensure the timely execution of projects
- 01/13 to 6/17 **Vice President, Operations**
Mayne Pharma, Greenville, North Carolina
- Provided leadership, direction, and guidance over operational activities of the flagship campus of Mayne Pharma. Promoted and enabled a culture of safety, efficiency, and collegiality
 - Was responsible for the construction and commissioning of a 90 million dollar expansion at the Greenville campus in order to offer larger scale contract manufacturing of highly potent compounds
 - Responsible for all facets of commercial manufacturing and support departments
- 01/08 to 01/13 **Director, Pharmaceutical Development**
Metrics, Inc., Greenville, North Carolina
- Established and grew a state-of-the-art business unit focused on fast-track development of pre-clinical through phase 3 solid oral dosage forms where the active ingredients are classified as potent or otherwise require stringent isolation techniques
 - Management of a group of ~ten scientists and/or specialists to deliver products / projects per customer expectations
 - Develop and implement company policy regarding isolation and containment technologies and associated procedures
- 07/06 to 01/08 **Senior Technical Services Scientist, Validation**
Purdue Pharmaceuticals L.P., Wilson NC
- Validation of commercial processes at a solid-oral dosage form manufacturing facility including authoring validation protocols and validation reports that withstand FDA scrutiny
 - Responsible for technical transfers to the manufacturing site
- 09/01 to 07/06 **Manager, Pharmaceutical Development**
Metrics, Inc., Greenville, North Carolina
- Responsible for all formulation and process development of several ongoing projects including project management and customer contact

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- Responsible for successful completion of projects and consistent satisfaction of customers
- Responsible for GMP compliance in formulation and process development

09/99 to 10/01

Development Scientist III

DSM Catalytica Pharmaceuticals, Greenville, NC

- Conducted scale-up and technical transfer projects of OSD's

1994 to 1999

Formulation Scientist / Senior Formulation Scientist

Fuisz Technologies, Chantilly VA and Dublin, Ireland

- Developed and utilized proprietary and conventional technologies to produce effective drug delivery technology

BOARD AND ADVISORY ROLES:

11/17 to 7/19

North Carolina Biosciences Organization (NCBIO), Board Member

11/17 to 7/19

North Carolina Biotechnology Center, East Advisory Committee Member

EDUCATION:

2005

Master of Business Administration
East Carolina University, Greenville, NC

1994

Bachelor of Science, Biology
Virginia Tech (VPI & SU), Blacksburg, VA

PATENTS:

- US Patent # 6,117,452 "Fatty Ester Combinations" September 11, 2000
- US Patent # 6,086,920 "Disintegratable Microspheres" July 11, 2000
- US Patent # 6,013,280 "Immediate Release Dosage Forms..." January 11, 2000

PUBLICATIONS:

- Cascone, J., Thomas, P. "User Driven HAPI Manufacturing". Pharmaceutical Manufacturing: Aug. 2009
- Cascone, J.: "Design and Construction of a Potent Pharmaceutical cGMP Suite". Pharmaceutical Technology API Synthesis and Formulation Supplement": s40-42 September 2009
- Cascone, J., Cobb, J.: "Excipient Focus: Going Over Coats". Pharmaceutical Formulation & Quality Magazine: 65-66 August/September 2003

ADDITIONAL SKILLS:

- Comprehensive Computer Experience (ERP, MS Office Suite, etc.)
- Excellent written and verbal communication skills