















|  |  | UNIVERSITY O<br>IN KATOWICE                                 | F SILESIA   |
|--|--|---|---|
| (World Fee                                 | HR Comp<br>deration of Personnel N                         | etences<br>anagement Associations                           | s, 2000)  |
| I.1 Communication                          | II.1 Knowledge of<br>the environment                       | III.1 Management of<br>self                                 | IV.1 HR planning<br>and staffing                  |
| I.2 Decision making<br>and problem solving | II.2 Knowledge of the industry/sector                      | III.2 Management of<br>people                               | IV.2 Performance<br>management and<br>development |
| I.3 Business acumen                        | II.3 Knowledge of<br>the organisation                      | III.3 Management of<br>resources                            | IV.3 Employee and<br>labour relations             |
| I.4 Credibility and<br>professionalism     | II.4 Impact<br>assessment                                  | III.4 Management of<br>operations, including<br>outsourcing | IV.4 Compensation<br>and benefits                 |
| I.5 Leadership                             | II.5 The HR<br>department as a part<br>of the organisation | III.5 Management of<br>information                          | IV.5 Health, safety,<br>welfare and security      |
| I.6 Relationship<br>management             |  | III.6 Change<br>management                                  | IV.6 Systems and<br>information<br>management     |
| I.7 Adaptability                           |  |   | IV.7 Organisational<br>design and<br>development  |









UNIVERSITY OF SILESIA

Y

## HRM Competences (Michigan University)

• **Culture and Change Steward.** The HR profession appreciates, articulates, and helps shape a company's culture. Culture is a pattern of activities more than a single event. Ideally, this culture starts with clarity around external customer expectations (firm identity or brand) and then translates these expectations into internal employee and organization behaviors. As stewards of culture, HR professionals respect the past culture and also can help to shape a new culture. Additionally, successful HR professionals facilitate changes in two ways. First, they help make culture happen. Second, they develop disciplines to make changes happen throughout the organization. They help turn what is known into what is done.



organization. Organization design focuses on how a company embeds capability (for example, collaboration) into the structure, processes, and policies that shape how an organization works. HR is not just about talent or organization, but also about the two of them together. Good talent without a supporting organization will not be sustained, and a good organization will not deliver results without talented individuals with the right competencies in critical roles.



this vision. This means recognizing business trends and their impact on the business, forecasting potential obstacles to success, and facilitating the process of gaining strategic clarity. The HR professional also contributes to the building of the overall strategy by linking the internal organization to the external customer expectations. This linkage helps make customer-driven business strategies real to the employees of the company.



## HRM Competences (Michigan University)

Y

 Operational Executor. The HR professional executes the operational aspects of managing people and organizations. Policies need to be drafted, adapted, and implemented. Employees also have many administrative needs (e.g., to be paid, relocated, hired, and trained). HR professionals ensure that these basic needs are efficiently dealt with through technology, shared services, and/or outsourcing. This operational work of HR ensures credibility if executed flawlessly and grounded in the consistent application of policies.



 Business Ally. Businesses succeed by setting goals and objectives that respond to external opportunity and threats. HR professionals contribute to the success of the business by knowing the social context or setting in which their business operates. They also know how the business makes money, which we call the value chain of the business (who customers are, why they buy the company's products or services)Z. Finally, they have a good understanding of the parts of the business (finance, marketing, research and development, engineering), what they must accomplish, and how they work together, so that they can help the business organize to make money.





companies (Fromholtz-Mäki , 2005)

**3. Speed** – will be the major determination of success. Product life cycles will shorten, and first-mover advantages will become even more important. Speed will mean change towards risk-taking and innovation.

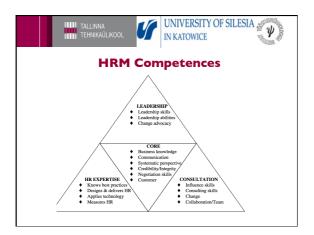
4. Customization – consumer customization will be target for market research. Employee customization will also occur to attract and keep top talent. Customized deals will require more flexibility than rules; service more than systems and commitment more than consistency.







- b) Exploiting and maintaining core competences
- b) Exploiting and maintaining
- c) Developing human capital
- d) Sustaining an effective organizational culture
- e) Emphasizing ethical practices
- f) Establishing balanced organizational controls







major academic positions, based on empirical studies and scientific fact, for those working in the personnel field Unfortunately, these efforts sometimes end up looking like a fun-house mirror rather than a true reflection of the evidence that they are trying to represent



## Study background

The mentioned publications and personnel management training textbooks and handbooks fail to address some of the academic knowledge that is vital to HR work Analysing the content of articles published over five years,

Analysing the content of articles published over twe years, researchers in the USA (*Rynes, Giluk, Brown, 2007*) reached the conclusion that topics addressed in publications and books that were geared towards practitioners addressed far less academic studies and literature









Results showed that there are a number of embedded attitudes (myths) that are not evidence-based. Four statements were judged, by the majority in both samples, adequately:

- ✓ I. Money does not motivate an employee to boost productivity (66.6% disagree HR; 85% disagree non-HR);
- ✓ 6. Charismatic leaders are not as good (94.4% disagree HR; 100% disagree non-HR);
- ✓ 7. Labour unions conduct negotiations about wages instead of employees (86.1% disagree HR; 85% disagree non-HR);
- 8. It is not possible to account and to prove the profitability of personnel selection (66.7% HR disagree; 65% disagree non-HR).





- ✓ 4. Including employees in the decision-making process is vital to improving work productivity (16.7% disagree HR; 5% disagree non-HR);
- ✓ 5. Satisfaction with one's work guarantees greater productivity and more loyalty to an organisation (5.6% disagree HR; I 5% disagree non-HR).



- integrity in order to help decide whether to hire him or not (36.1% disagree HR: 35% disagree non-HR);
- ✓ 4. Including employees in the decision-making process is vital to improving work productivity (16.7% disagree HR; 5% disagree non-HR);
- ✓ 5. Satisfaction with one's work guarantees greater productivity and more loyalty to an organisation (5.6% disagree HR; 15% disagree non-HR).





## Personnel (HR) Professionals (Teichmann, Randmann, 2013) Conclusion

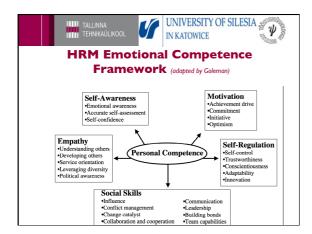
Based on results of the current study, four statements were judged in both samples adequately, and there were three statements in which both samples judged inadequately. One statement did show significant difference (p<0.05) between the judgments of HR and non-HR samples i.e. "Work stress is the primary reason for employees falling iil"

We have to conclude that personnel professionals' knowledge has not much progressed far as the 37.5% of judgments personnel specialists are making are not supported by evidence. Most intriguing was the finding that there was not much difference between HR and non-HR samples by their level of knowledge.



Myth 3 – Work stress is the primary reason for employees falling ill Myth 4 – Including employees in the decision-making process is vital to improving work productivity

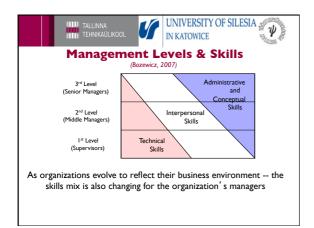












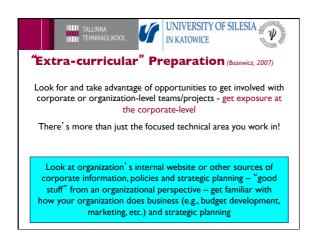


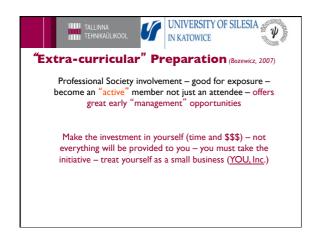
- ✓ Giving Clear Information to Employees
- ✓ Getting Unbiased Information
- ✓ Identifying and Solving Problems
- ✓ Making Decisions and Weighing Risks
- ✓ Planning and Scheduling
- ✓ Work Training, Coaching, and Delegating
   ✓ Time Management and Prioritizing

|   |  | UNIVERSITY C<br>IN KATOWICE   | DF SILESIA   |
|---|--|---|--|
| Managerial<br>(An Organizational Develo<br>Bozewicz, 2007)                                      |  | nce<br><u>Managers</u>  | <u>Executives</u><br>Strategic Vision  |
| <u>Team Leader</u><br>Project Leader<br>POA&Ms  | <u>Supervisors</u><br>Situational Leadership<br>Demonstrate Core<br>Values<br>Managing Diverse | Innovative Thinking<br>Program Development<br>Planning & Evaluation<br>Model/Reinforce Core<br>Values | External Awareness<br>Organizational<br>Representation & Liaison<br>Directorate Head<br>(Senior Mgr) |
| Project Tracking<br>Resource Expenditures<br>Customer Orientation<br>Quality Focus<br>Consensus | Coaching/Counseling<br>Conflict Management<br>Change Management<br>Team Building               | Resource Management<br>Technology Management<br>Process Oversight<br>Management<br>Mentoring          | Knowledge  |
| Myers-Briggs Analysis   | Influencing/Negotiating<br>Human Resources Mgmt<br>Branch Head (Middle<br>Mgr)                 | Presentation/ Marketing<br>Skills<br>Risk Management<br>Division Head (Senior<br>Mgr)                 | and<br>Skills  |
|   | Asst. Program Mgr  | Program Manager   |  |

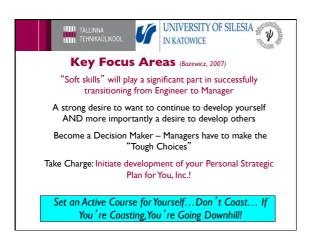
| <br>— |
|-------|
|       |
|       |
| <br>_ |
|       |
| _     |
| <br>_ |
|       |





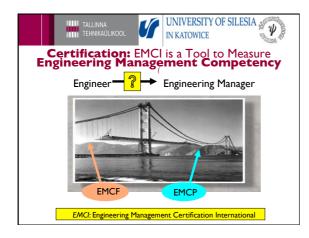








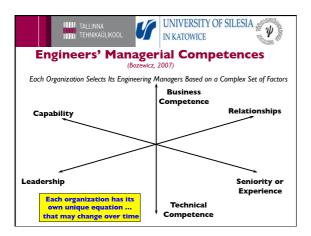






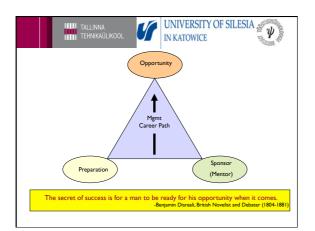


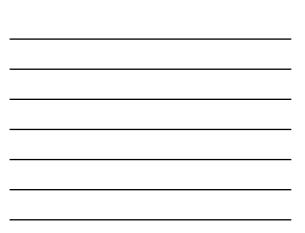






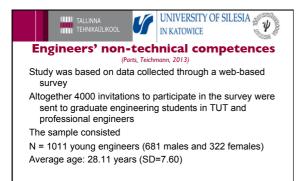




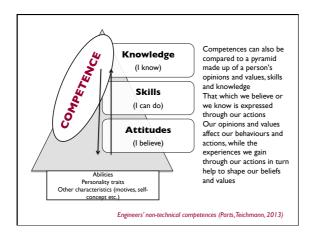




In recent years engineers' educators have accepted the challenge of teaching non-technical competences (*DECD*, 2011; UK-SPEC, 2011; *ABET*, 2010; *IE Aust*, 1999) and taking it so seriously that the Association of German Engineers (VDI) suggests that up to 20% of an engineering curriculum should be in non-technical fields such as language training, self-management, personality development, communication skills, project management, economics, and other related topics (*Hillmer, Fink, Foradori, Gall, Kilian, Sparer, 2007*)



| TALLINNA<br>TEHNIKAŬLIKOOL  | OF SILESIA  |
|---|---|
| Engineers' non-technical co   | mpetence  |
| (Parts, Teichmann, 2013)  |   |
| Research method: Web-based survey   |   |
|   | *) (E + Search with Coope                               |
| TALLIN DAIDERSITY OF TECHNOLOGY   | ¥   |
| INSENERI MITTE-TEHNILISED KOMPET  | ENTSID  |
| Venue: exist<br>Sugur:  |   |
| ONes<br>Naire<br>Heritar  |   |
| Insphinarifus     Insphinarifus     Insphinarifus     Insphinarifus     Insphinarifus     Insphinarifus   |   |
| Töökogemus inseneri- ja/või tehnikaerialat:<br>0 = töökogemus puudub<br>Töökogemus onaaatut   |   |
| Praegu:<br>Tóban<br>Coban ja čoln   |   |
| Opin<br>Palume Tell hionate järgmiste kompetentaiste kasutamist insenent igepäisrvätöös.<br>Vastamiset tähtage isätituusi kogemusest. Palun kasutage himäamiset alipeet loedud skaatat, märkides är<br>Teie arvanusete.   | a vastuse, mis on kõige lähemal                         |
| HINDAME<br>9 = Nakudari<br>4 = Nakudari<br>2 = Nakudari<br>2 = Nakudari<br>2 = Nakudari   | gaptievaseit<br>isgoli<br>sehotovahol<br>verve<br>Cidae |
|   | 0102030408  |
| 1 MiNik cellika (susus jl. cellised väärtused, sällivus erinevuste suhtes, sh kultuurterinevused, ühliste<br>cellise käitumise pärimätes pärjimine).  |   |
| INITY entities (status) provides and status) and the status entities and the status of the status (status) and the status and s | - 1 - 2 - 3 - 4 - 5<br>- 1 - 2 - 3 - 4 - 5              |





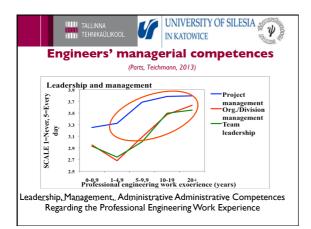
| IIIIII TALLINNA<br>IIIIII TEHNIKAÜLIKOOL |                        | UNIVERSITY OF<br>IN KATOWICE | SILESIA S               |
|--|------------------------|------------------------------|-------------------------|
| Engineers' non                           | -tech                  |                              | petences                |
| Competences                              | Never<br>do not<br>use | Rarely<br>Sometimes          | Frequently<br>Every day |
| Personal ethics                          | 1%                     | 11%                          | 88%                     |
| Flexibility                              | 1%                     | 12%                          | 87%                     |
| Learning                                 | 1%                     | 14%                          | 85%                     |
| Self-management                          | 1%                     | 17%                          | 82%                     |
| Stress tolerance                         | 1%                     | 23%                          | 76%                     |
| Relationships/<br>Cooperation            | 1%                     | 25%                          | 74%                     |



| TALLINNA                    |                          | NIVERSITY OF | SILESIA SU |
|-----------------------------|--------------------------|--------------|------------|
| Engineers' non              | -techn<br>arts, Teichman |              | petences   |
| Communication               | 170                      | 20%          | / 3%0      |
| Professional ethics         | 2%                       | 26%          | 72%        |
| Innovation/creativity       | 1%                       | 31%          | 68%        |
| Negotiations/               |                          |              |            |
| Conflict management         | 1%                       | 36%          | 63%        |
| Social ethics               | 4%                       | 40%          | 56%        |
| Project management          | 7%                       | 41%          | 52%        |
| Influence                   | 3%                       | 45%          | 52%        |
| Engineer' work legal issues | 6%                       | 47%          | 47%        |



| TALLINNA<br>TEHNIKAÜLIKOOL           |                          | INIVERSITY (<br>N KATOWICE | DF SILESIA |
|--------------------------------------|--------------------------|----------------------------|------------|
| ngineers' non                        | -techr<br>arts, Teichmar |                            | npetences  |
| Project management                   | 7%                       | 41%                        | 52%        |
| Influence                            | 3%                       | 45%                        | 52%        |
| Engineer' work legal issues          | 6%                       | 47%                        | 47%        |
| Entrepreneurship                     | 5%                       | 51%                        | 44%        |
| Team management                      | 15%                      | 47%                        | 38%        |
| Organization/<br>Division management | 17%                      | 45%                        | 38%        |
| Intellectual property<br>law         | 19%                      | 52%                        | 29%        |
| Commercial law                       | 26%                      | 51%                        | 23%        |





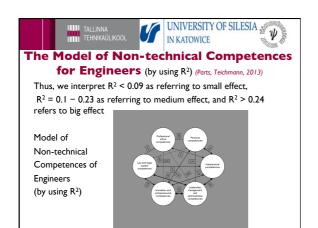


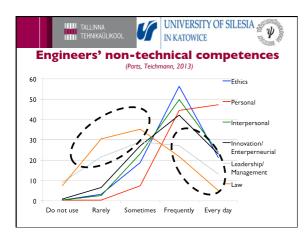
|  | UNIVERSITY OF SILESIA  |
|--|--|
| Non-technical Compe  |  |
| competences<br>5.The Leadership, management and<br>domain includes three compete | ss, creativity, and entrepreneurship<br>d administrative competence<br>nces i.e. project management<br>vision management competences,<br>es<br>teence domain includes three<br>al property law, knowledge of |

I

| Non-technica    |     | npete<br>Teichman |     | s for | Engi | neer |
|-----------------|-----|-------------------|-----|-------|------|------|
|                 |     |                   |     |       |      |      |
| Domains         |     |                   |     |       |      |      |
| I. Ethics       | -   |                   |     |       |      |      |
| 2. Personal     | .24 | -                 |     |       |      |      |
| 3 Interpersonal | .34 | .45               | -   |       |      |      |
| 4 Innovation    | .19 | .37               | .40 | -     |      |      |
| 5 Leadership    | .24 | .31               | .53 | .47   | -    |      |
| 6 Law           | .33 | .20               | .38 | .42   | .49  | -    |

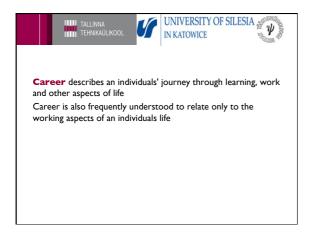
















5) Understanding of career development as a navigable process (Herr & Cramer, 1996)



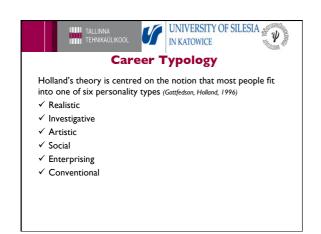


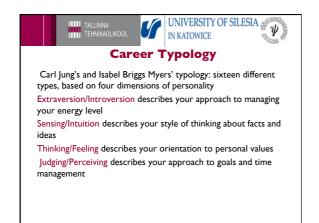
Changing occupation is an important aspect of career and career management

Over a lifetime, both the individual and the labour market will change; it is to be expected that many people will change occupations during their lives

Data collected by the U.S. Bureaur of Labor Statistics through the National Longitudinal Survey of Youth in 1979 showed that individuals between the ages of 18 and 38 will hold more than 10 jobs

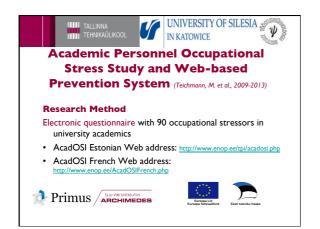
| TALLINNA<br>TEHNIKAÜLIKOOL  | ITY OF SIL<br>CE |
|---|------------------|
| Reasons for career c  | hangir           |
| Reasons   | %                |
| The downsizing or the restructuring of an organization                      | 54%              |
| New challenges or opportunities that arise                                  | 30%              |
| Poor or ineffective leadership  | 25%              |
| Having a poor relationship with a manager(s)                                | 22%              |
| For the improvement of work/life balance                                    | 21%              |
| Contributions are not being recognized                                      | 21%              |
| For better compensation and benefits  | 18%              |
| For better alignment with personal and organizational values                | 17%              |
| Personal strengths and capabilities are not a good fit with an organization | 16%              |
| The financial instability of an organization                                | 13%              |
| An organization relocated   | 12%              |



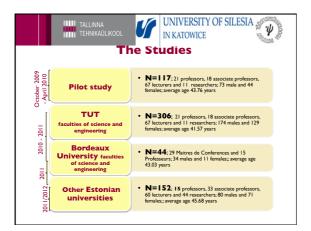






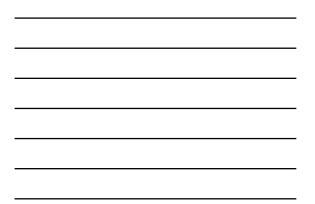




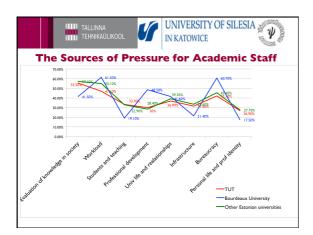




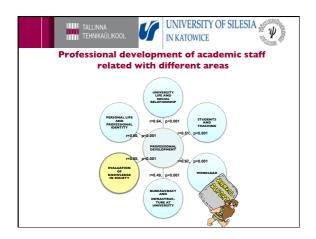




| TALLINN<br>TEHNIKA  |       |      | 1     | UNIV<br>IN KAT | TOWICE | YOF  | SILES | IA STUR | Shmol . |
|---|-------|------|-------|----------------|--------|------|-------|---------|---------|
| Correlations A  | mo    | ng ( | Dccu  | ipat           | iona   | l St | res   | s Fac   | to      |
| Stress factor   | 1     | 2    | 3     | 4              | 5      | 6    | 7     | 8       |         |
| <ol> <li>University life and<br/>relationships</li> </ol>       | 1     |      |       |                |        |      |       |         |         |
| 2. Students and teaching  | 0.45  | 1    |       |                |        |      |       |         |         |
| 3. Workload   | 0.49  | 0.41 | 1     |                |        |      |       |         |         |
| <ol> <li>Personal life and professional<br/>identity</li> </ol> | 0.63  | 0.53 | 0.52  | 1              |        |      |       |         |         |
| <ol> <li>Evaluation of knowledge in<br/>society</li> </ol>      | 0.57  | 0.53 | 0.46  | 0.54           | 1      |      |       |         |         |
| 6. Bureaucracy  | 0.64  | 0.51 | 0.67  | 0.60           | 0.58   | 1    |       |         |         |
| 7. Professional development                                     | 0.59  | 0.33 | 0.41  | 0.53           | 0.47   | 0.49 | 1     |         |         |
| 8. Infrastructure   | 0.57  | 0.53 | 0.41  | 0.51           | 0.47   | 0.57 | 0.36  | 1       |         |
| all correlations: p<0.001                                       |       |      |       |                |        |      |       |         |         |
| Age   | -0.12 | -    | -0.20 | -0.15          | -      | -    | -0.23 | -0.12   |         |
| Gender  | 0.10* |      | -     |                | -      |      | -     | -       |         |
| Occupational life (years)                                       | -0.13 | -    | -0.14 | -0.15          | 0.13*  | -    | -0.20 | -0.14   |         |
| * p<0.05  |       |      |       |                |        |      |       |         |         |





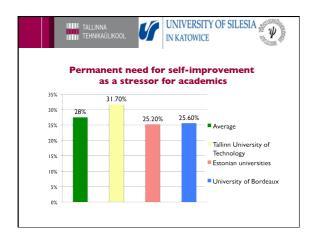








- 6. Traveling
- because previously named factors acting as sources of occupational stress in university academics





|  | TALLI | nna<br>Kaülikool |     | UNIVERSITY<br>N KATOWICE | ( OF SILESIA                              |  |  |  |  |  |
|--|-------|------------------|-----|--------------------------|---|--|--|--|--|--|
| Need to use new equipment, technologies,<br>didactic methods as a stressor for academics |       |                  |     |                          |   |  |  |  |  |  |
|  |       |                  |     | 21.7                     | 0%  |  |  |  |  |  |
|  |       |                  |     | 17.40%                   | - 41                                      |  |  |  |  |  |
|  |       |                  |     | 20.50%                   | Univ. Bordeaux<br>TUT<br>Other Est. Univ. |  |  |  |  |  |
|  |       |                  |     | 10.30%                   | = Other Est. Univ.                        |  |  |  |  |  |
|  |       |                  |     | 19%                      |   |  |  |  |  |  |
| 0%   | 5%    | 10%              | 15% | 20%                      | 25%                                       |  |  |  |  |  |



